

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031919\
 Data File : VX008183.D
 Acq On : 19 Mar 2019 11:33
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 19 11:54:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 11:34:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	306710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	512303	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	447648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211335	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	441277	93.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.90%	
35) Dibromofluoromethane	5.50	113	332757	94.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	188.46%	
50) Toluene-d8	8.72	98	1278513	94.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	188.46%	
62) 4-Bromofluorobenzene	11.13	95	449431	94.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	382309	95.217	ug/l	99
3) Chloromethane	1.33	50	423820	93.202	ug/l	99
4) Vinyl Chloride	1.41	62	443121	93.059	ug/l	99
5) Bromomethane	1.64	94	399193	97.552	ug/l	99
6) Chloroethane	1.71	64	263839	92.501	ug/l	100
7) Trichlorofluoromethane	1.92	101	549709	93.554	ug/l	99
8) Diethyl Ether	2.19	74	315283	94.450	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	393271	93.412	ug/l	90
10) Methyl Iodide	2.51	142	537706	96.427	ug/l	96
11) Tert butyl alcohol	3.06	59	497509	470.546	ug/l	100
12) 1,1-Dichloroethene	2.37	96	383558	96.105	ug/l	92
13) Acrolein	2.30	56	333566	465.202	ug/l	98
14) Allyl chloride	2.73	41	859047	96.629	ug/l	94
15) Acrylonitrile	3.15	53	1326429	470.087	ug/l	99
16) Acetone	2.45	43	1238861	450.010	ug/l	96
17) Carbon Disulfide	2.57	76	1211247	97.270	ug/l	100
18) Methyl Acetate	2.78	43	633701	94.223	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	1394460	95.252	ug/l	98
20) Methylene Chloride	2.86	84	430601	94.428	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	407322	96.287	ug/l	93
22) Diisopropyl ether	3.86	45	1635733	93.719	ug/l	91
23) Vinyl Acetate	3.82	43	7246540	470.859	ug/l	98
24) 1,1-Dichloroethane	3.70	63	841984	95.846	ug/l	98
25) 2-Butanone	4.68	43	1954034	462.341	ug/l	97
26) 2,2-Dichloropropane	4.59	77	642741	96.111	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	466110	95.942	ug/l	90
28) Bromochloromethane	5.02	49	345517	93.586	ug/l #	82
29) Tetrahydrofuran	5.13	42	1267012	465.275	ug/l	96
30) Chloroform	5.21	83	775062	93.937	ug/l	99
31) Cyclohexane	5.58	56	804055	93.674	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	666169	96.117	ug/l	96
36) 1,1-Dichloropropene	5.80	75	616821	96.297	ug/l	97
37) Ethyl Acetate	4.84	43	740822	92.863	ug/l	98
38) Carbon Tetrachloride	5.79	117	560987	95.827	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	747520	94.369	ug/l	93
40) Benzene	6.15	78	1813231	94.456	ug/l	99
41) Methacrylonitrile	5.05	41	417152	93.363	ug/l	96
42) 1,2-Dichloroethane	6.20	62	649599	93.548	ug/l	95
43) Isopropyl Acetate	6.45	43	1211828	94.828	ug/l	97
44) Trichloroethene	7.21	130	437025	95.650	ug/l	90
45) 1,2-Dichloropropane	7.51	63	507854	96.199	ug/l	100
46) Dibromomethane	7.66	93	301062	94.489	ug/l #	86
47) Bromodichloromethane	7.90	83	605189	95.942	ug/l	99
48) Methyl methacrylate	7.77	41	631341	93.926	ug/l	93
49) 1,4-Dioxane	7.74	88	205879	1866.549	ug/l	91
51) 4-Methyl-2-Pentanone	8.65	43	3733216	458.212	ug/l	98
52) Toluene	8.79	92	1075331	95.184	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	714137	98.089	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	767944	96.548	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	427323	91.795	ug/l	96
56) Ethyl methacrylate	9.18	69	731266	93.756	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	771226	93.822	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1738968	479.150	ug/l	93
59) 2-Hexanone	9.49	43	2861079	460.654	ug/l	97
60) Dibromochloromethane	9.59	129	441225	95.557	ug/l	99
61) 1,2-Dibromoethane	9.67	107	453504	93.752	ug/l	99
64) Tetrachloroethene	9.34	164	408667	94.951	ug/l	96
65) Chlorobenzene	10.14	112	1115612	94.428	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	401321	94.757	ug/l	98
67) Ethyl Benzene	10.25	91	2047137	95.168	ug/l	97
68) m/p-Xylenes	10.36	106	1518654	192.455	ug/l	94
69) o-Xylene	10.70	106	731892	95.185	ug/l	94
70) Styrene	10.71	104	1204142	95.685	ug/l	95
71) Bromoform	10.85	173	325858	98.674	ug/l #	100
73) Isopropylbenzene	11.02	105	1935987	93.206	ug/l	99
74) N-amyl acetate	10.90	43	1050020	95.048	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	661565	92.676	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	828502	132.039	ug/l	88
77) Bromobenzene	11.26	156	453946	93.146	ug/l	83
78) n-propylbenzene	11.36	91	2309066	93.752	ug/l	96
79) 2-Chlorotoluene	11.42	91	1328906	92.870	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	1626160	93.984	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	232750	97.741	ug/l	97
82) 4-Chlorotoluene	11.51	91	1576859	94.271	ug/l	95
83) tert-Butylbenzene	11.77	119	1564641	96.272	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	1639679	93.102	ug/l	97
85) sec-Butylbenzene	11.94	105	1924285	93.666	ug/l	96
86) p-Isopropyltoluene	12.06	119	1677414	94.185	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	830297	95.261	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	828707	94.969	ug/l	98
89) n-Butylbenzene	12.39	91	1628374	96.157	ug/l	97
90) Hexachloroethane	12.60	117	297188	97.065	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	832012	95.789	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	156276	96.494	ug/l	79

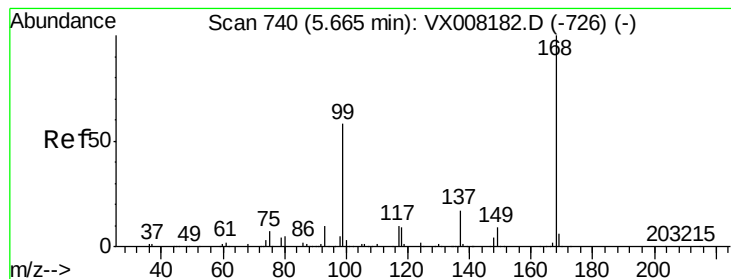
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031919\
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	566715	97.029	ug/l	99
94) Hexachlorobutadiene	13.78	225	274109	96.078	ug/l	99
95) Naphthalene	13.83	128	1850089	96.110	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	558745	96.526	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

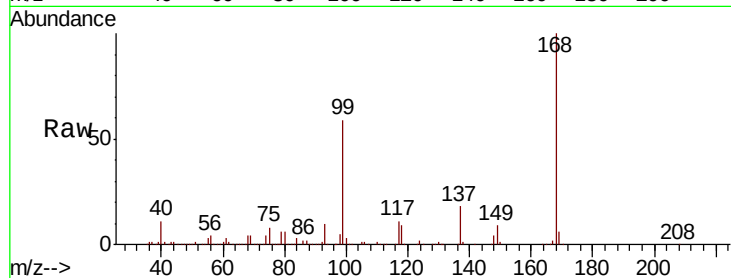
VSTDIC100

Tgt Ion:168 Resp: 306710

Ion Ratio Lower Upper

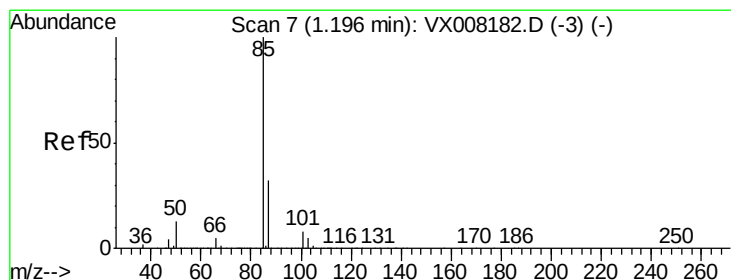
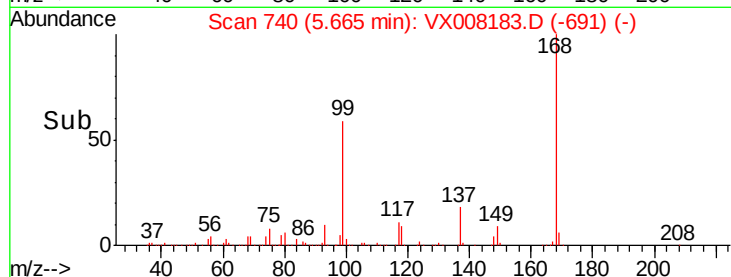
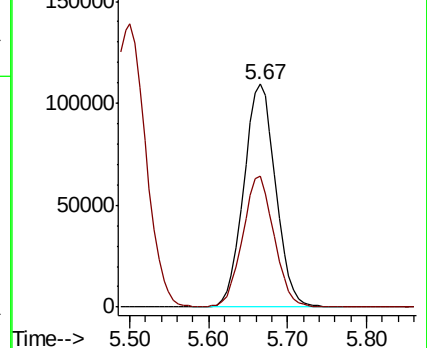
168 100

99 58.9 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 95.217 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008183.D

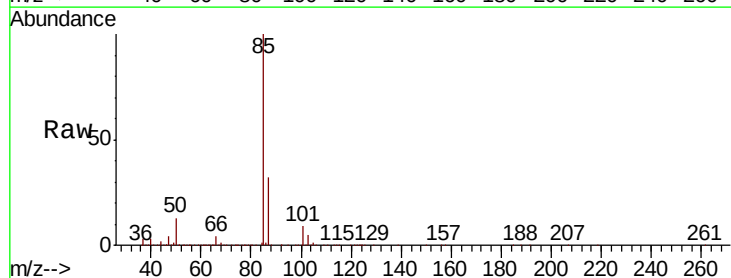
Acq: 19 Mar 2019 11:33

Tgt Ion: 85 Resp: 382309

Ion Ratio Lower Upper

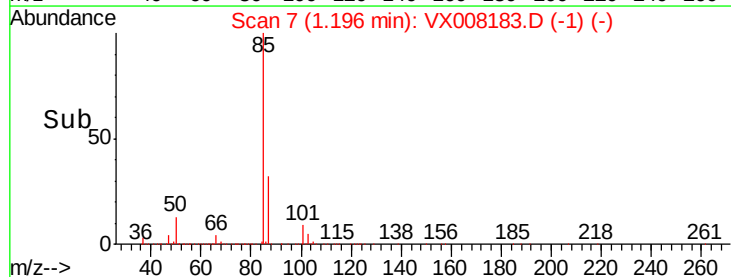
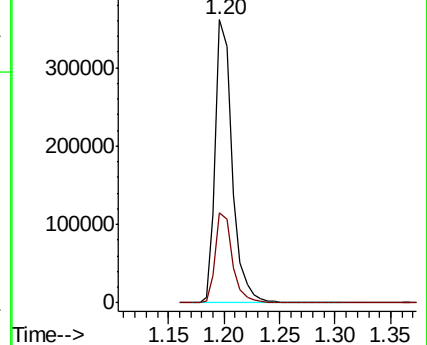
85 100

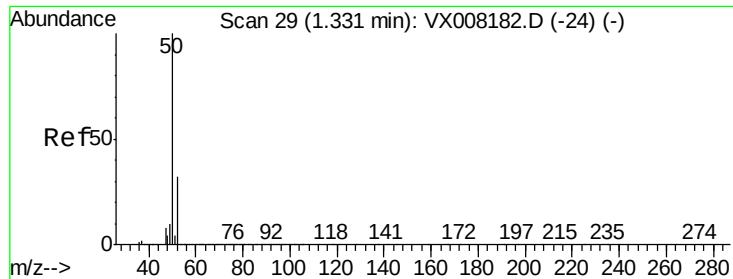
87 32.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 93.202 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

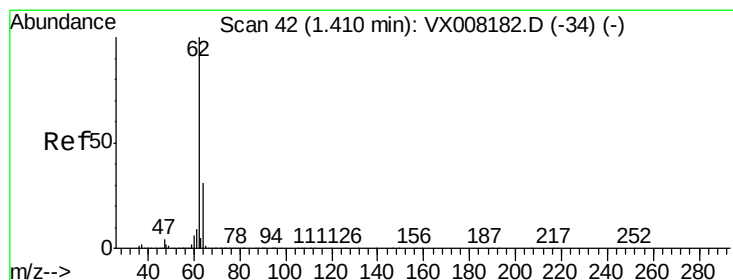
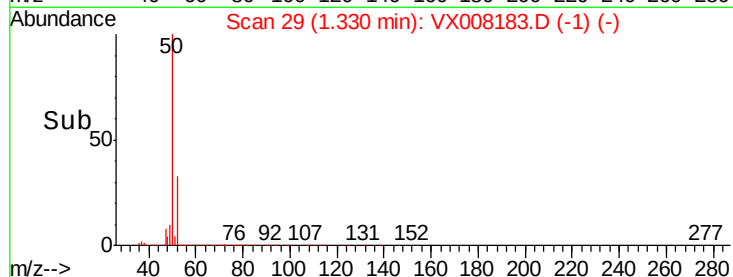
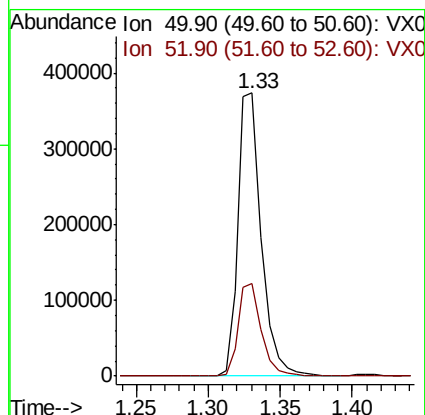
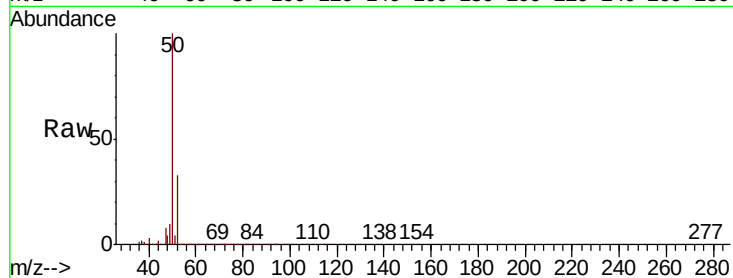
VSTDIC100

Tgt Ion: 50 Resp: 423820

Ion Ratio Lower Upper

50 100

52 32.7 26.5 39.7



#4

Vinyl Chloride

Concen: 93.059 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008183.D

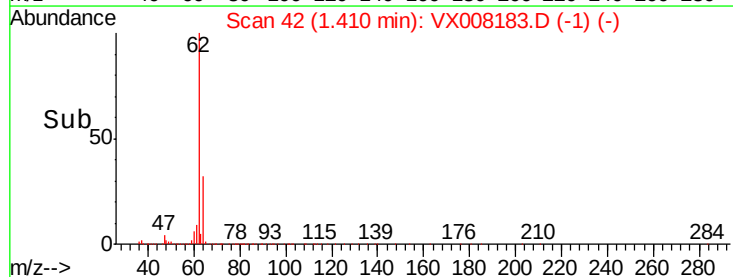
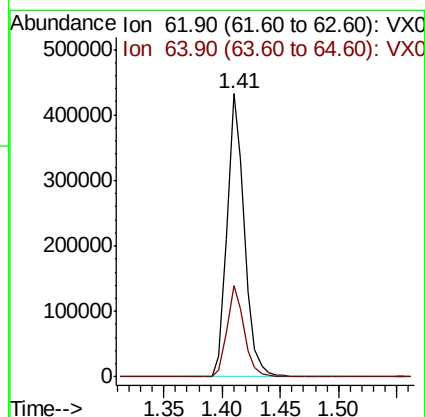
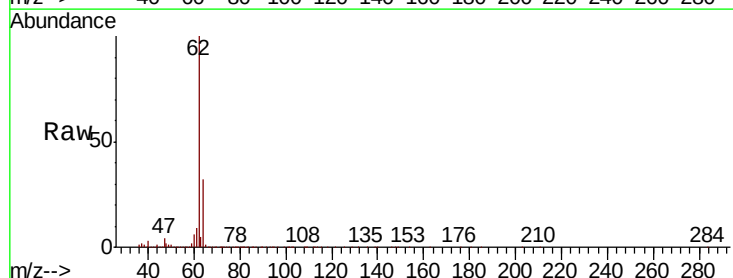
Acq: 19 Mar 2019 11:33

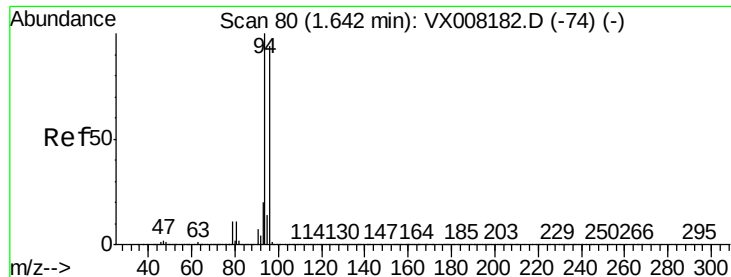
Tgt Ion: 62 Resp: 443121

Ion Ratio Lower Upper

62 100

64 32.2 25.3 37.9





#5

Bromomethane

Concen: 97.552 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

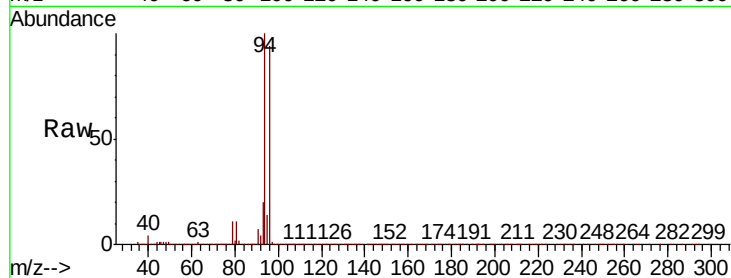
VSTDIC100

Tgt Ion: 94 Resp: 399193

Ion Ratio Lower Upper

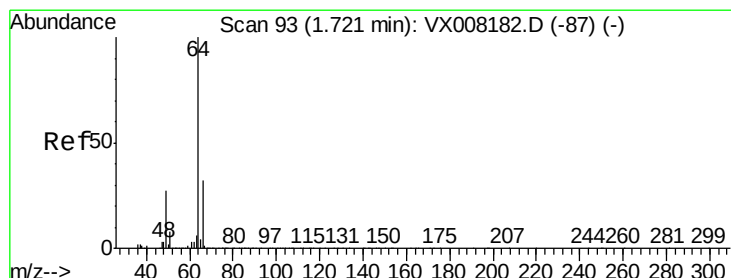
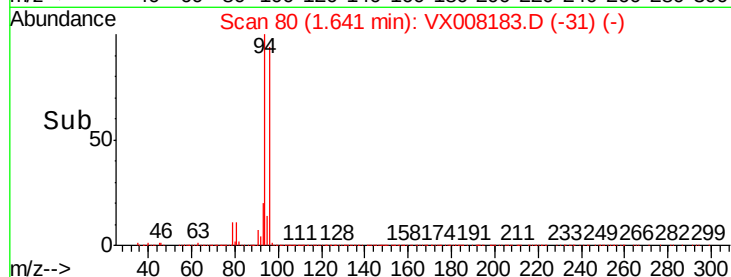
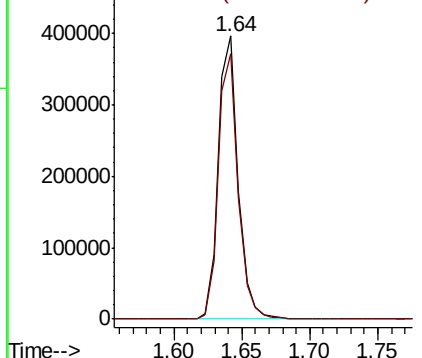
94 100

96 93.8 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 92.501 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX008183.D

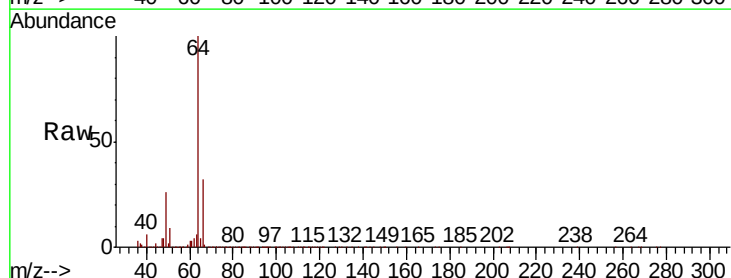
Acq: 19 Mar 2019 11:33

Tgt Ion: 64 Resp: 263839

Ion Ratio Lower Upper

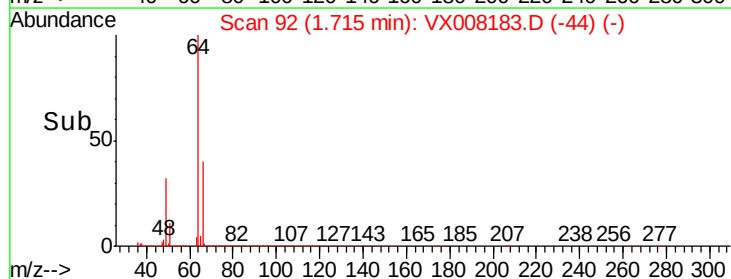
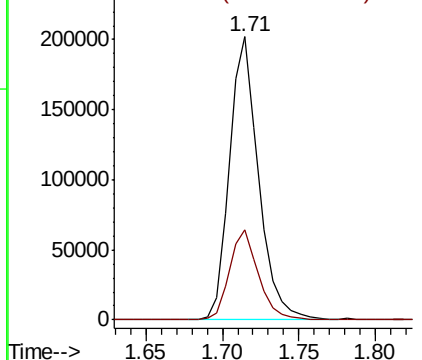
64 100

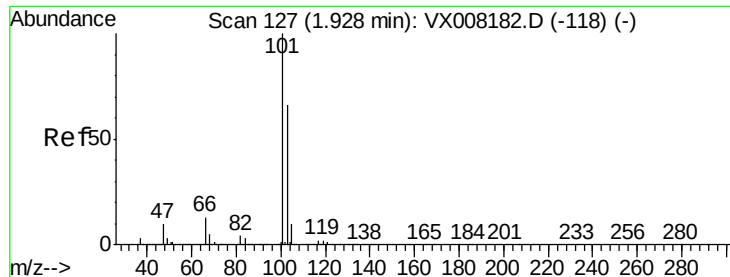
66 31.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



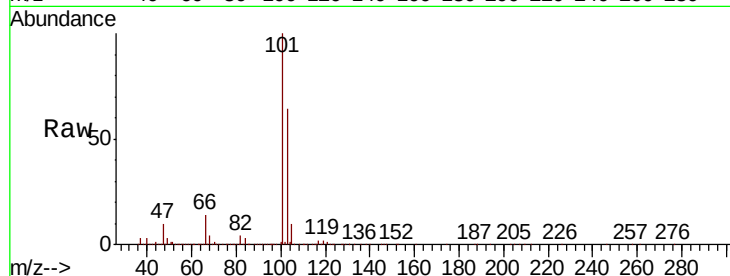


#7

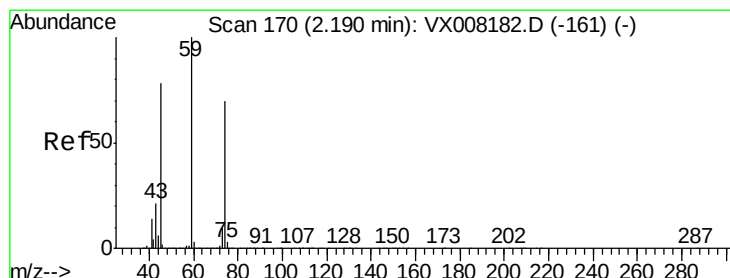
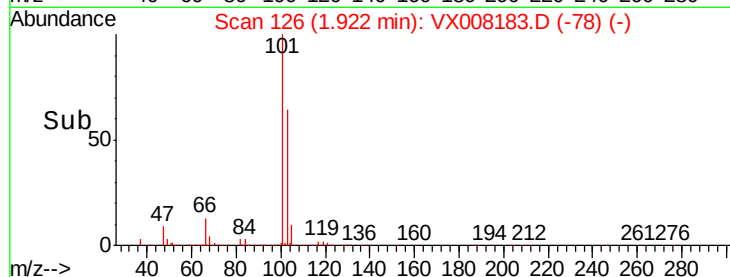
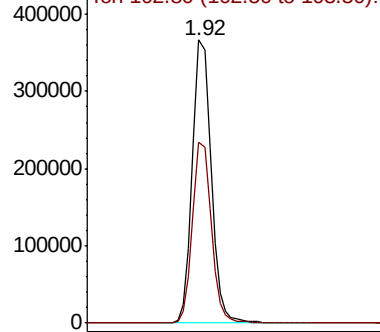
Trichlorofluoromethane
Concen: 93.554 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 549709
Ion Ratio Lower Upper
101 100
103 63.9 50.4 75.6



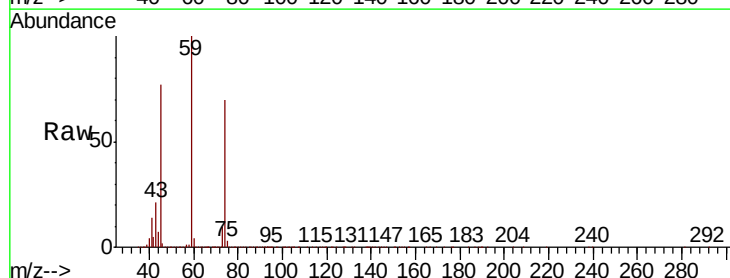
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



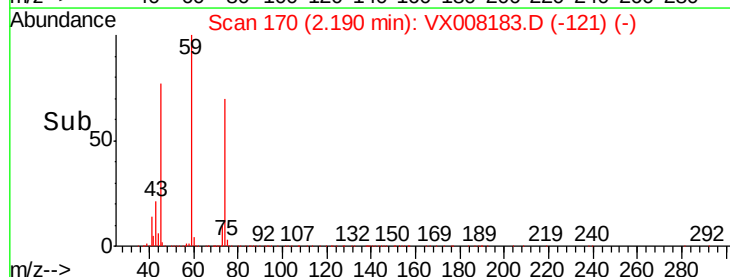
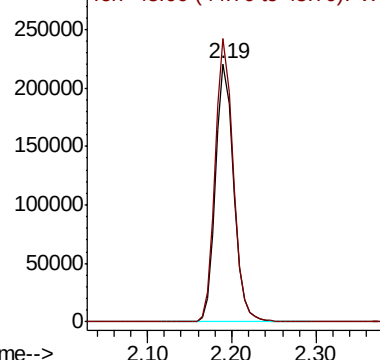
#8

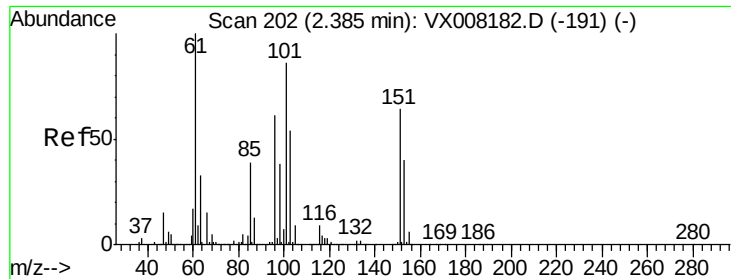
Diethyl Ether
Concen: 94.450 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

Tgt Ion: 74 Resp: 315283
Ion Ratio Lower Upper
74 100
45 109.3 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.412 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

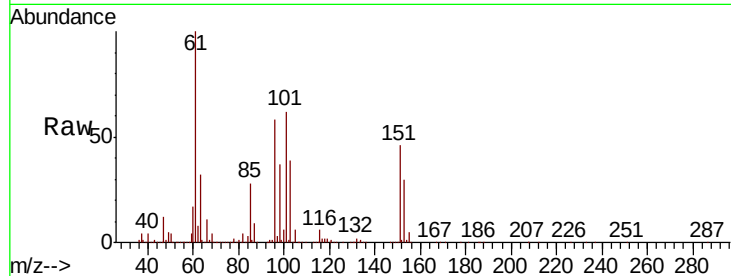
Tgt Ion:101 Resp: 393271

Ion Ratio Lower Upper

101 100

85 45.6 33.8 50.6

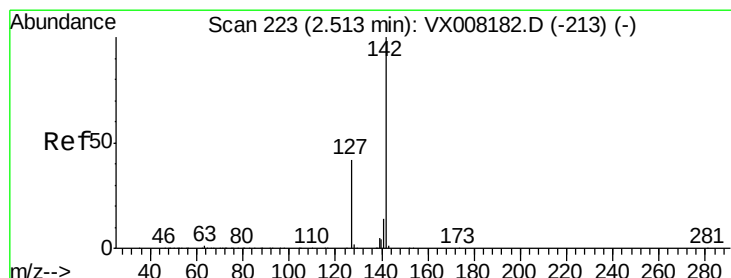
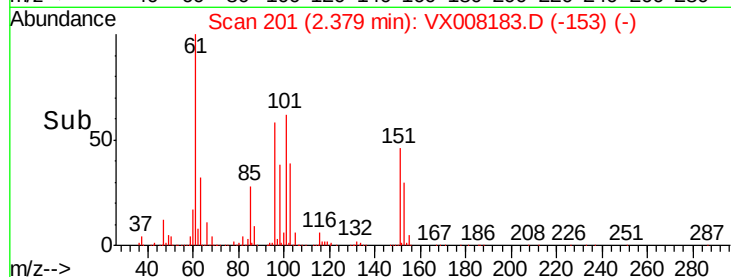
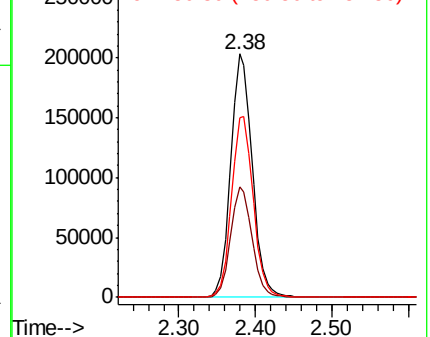
151 75.6 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 96.427 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

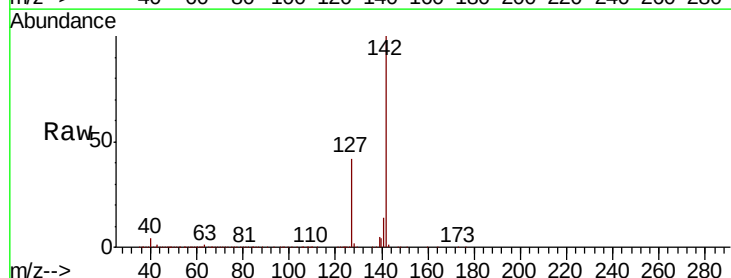
Tgt Ion:142 Resp: 537706

Ion Ratio Lower Upper

142 100

127 43.0 32.1 48.1

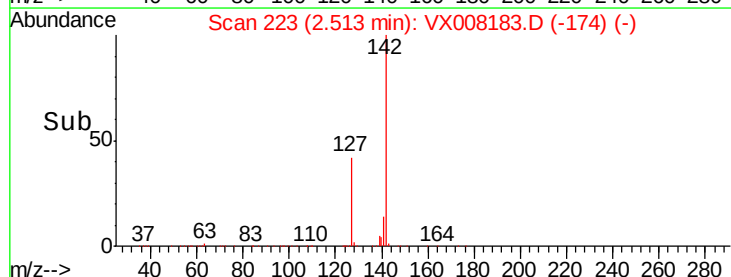
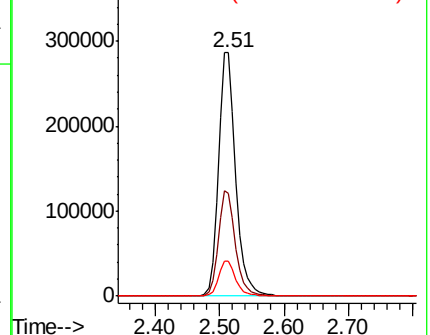
141 14.4 11.4 17.2

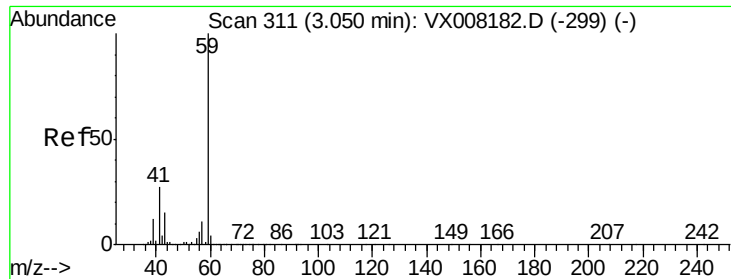


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

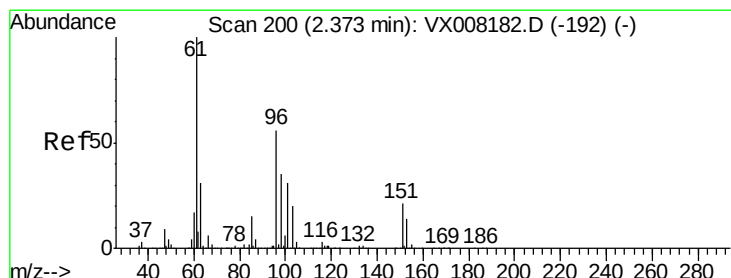
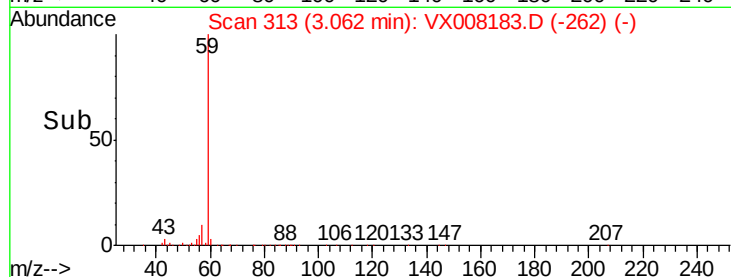
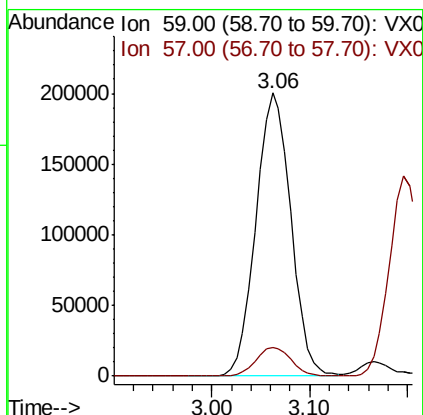
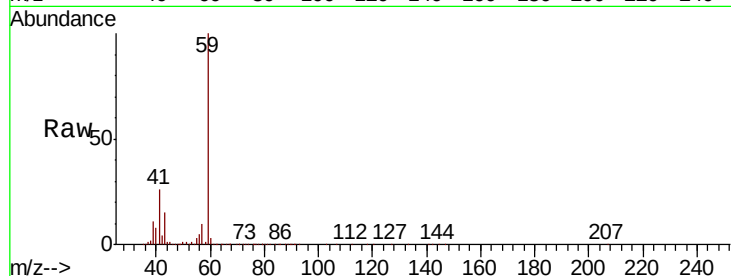




#11
Tert butyl alcohol
Concen: 470.546 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

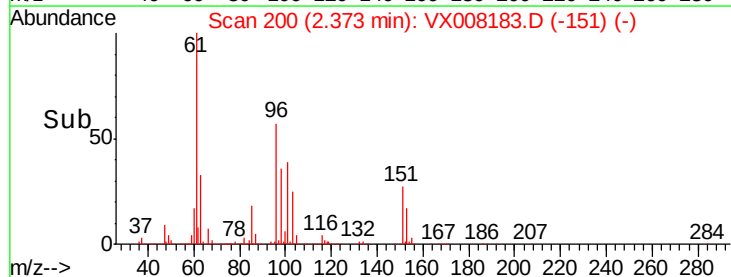
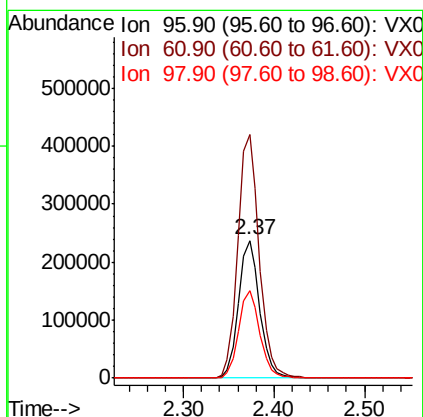
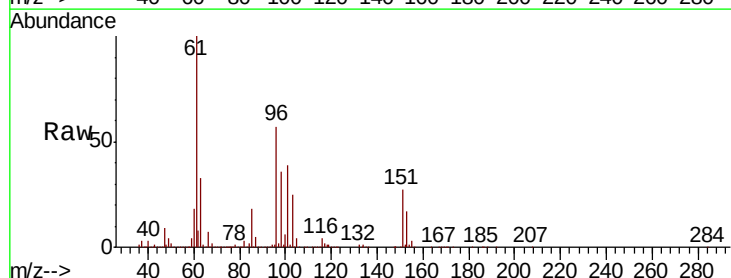
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

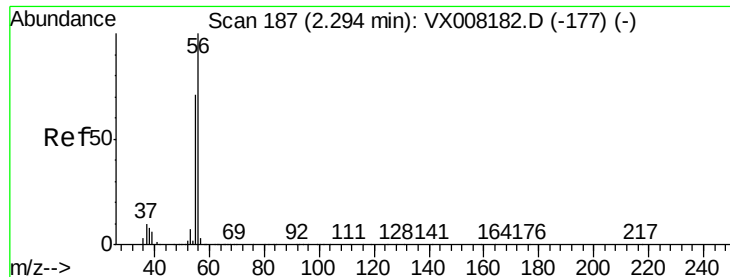
Tgt Ion: 59 Resp: 497509
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 96.105 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

Tgt Ion: 96 Resp: 383558
Ion Ratio Lower Upper
96 100
61 176.4 129.8 194.6
98 63.7 51.0 76.6





#13

Acrolein

Concen: 465.202 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

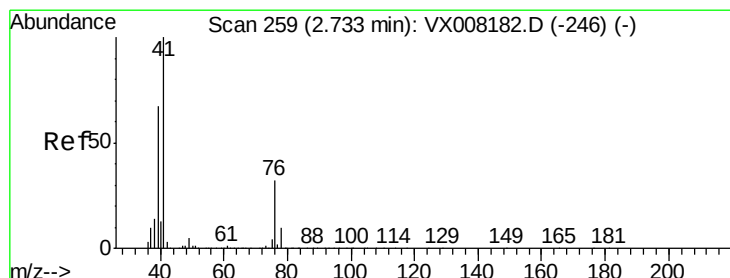
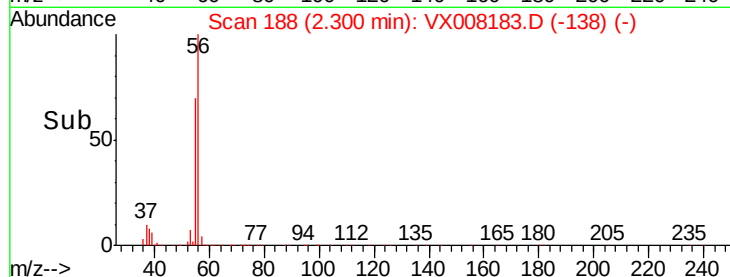
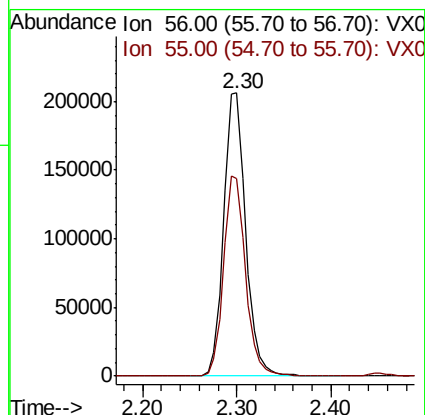
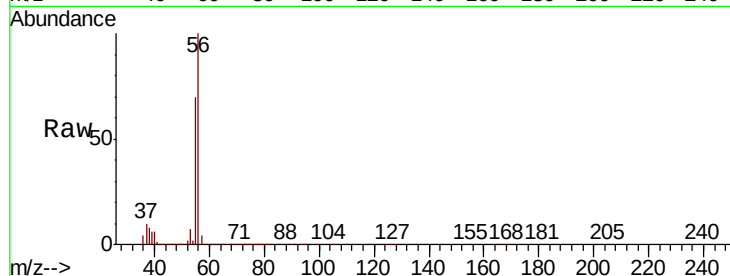
VSTDIC100

Tgt Ion: 56 Resp: 333566

Ion Ratio Lower Upper

56 100

55 70.7 57.8 86.6



#14

Allyl chloride

Concen: 96.629 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

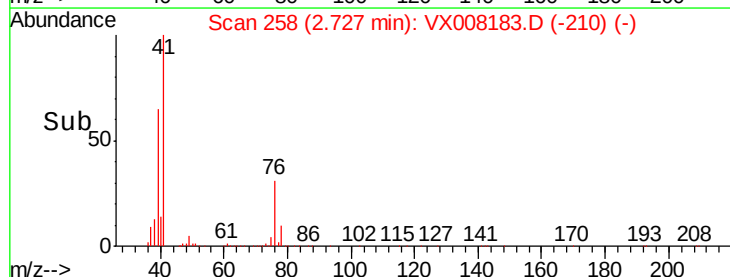
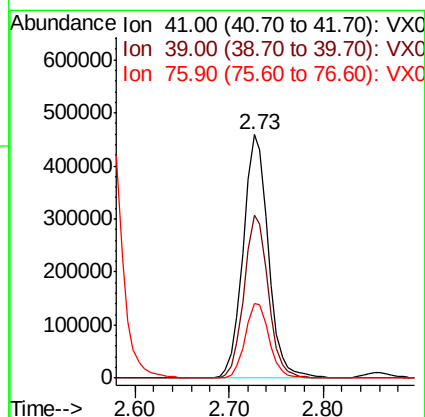
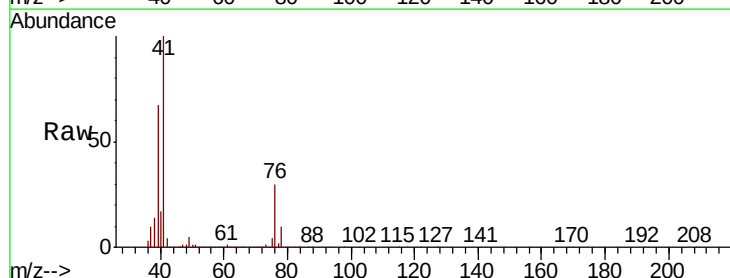
Tgt Ion: 41 Resp: 859047

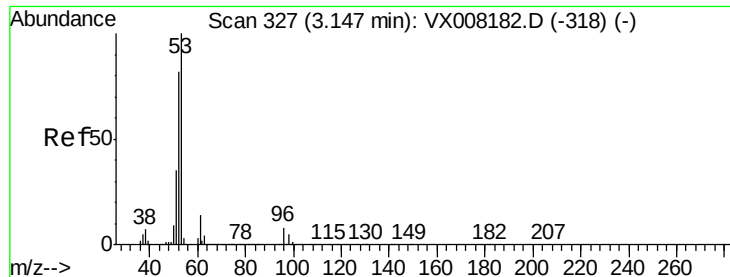
Ion Ratio Lower Upper

41 100

39 64.5 46.1 69.1

76 29.4 24.0 36.0

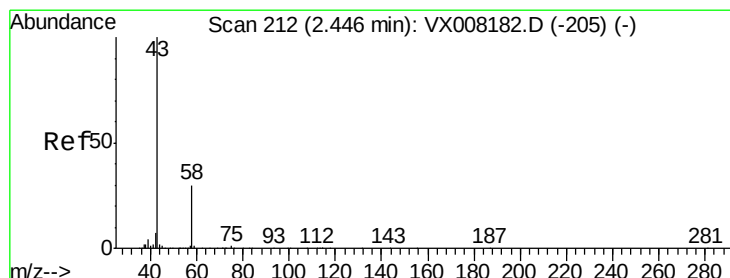
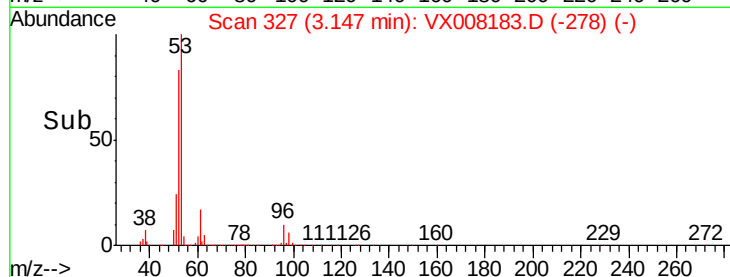
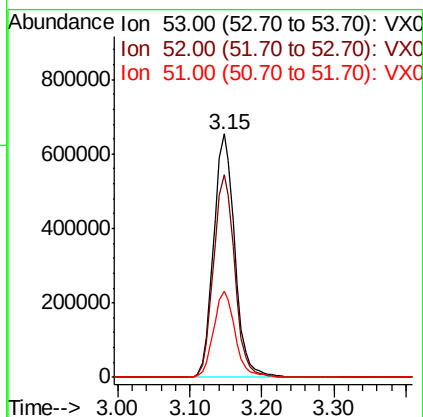
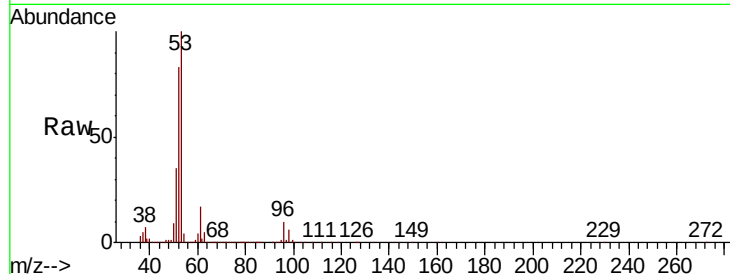




#15
 Acrylonitrile
 Concen: 470.087 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

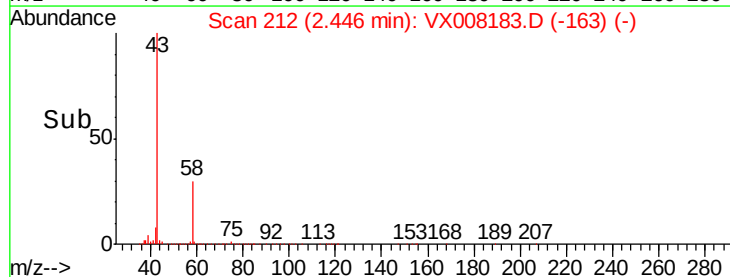
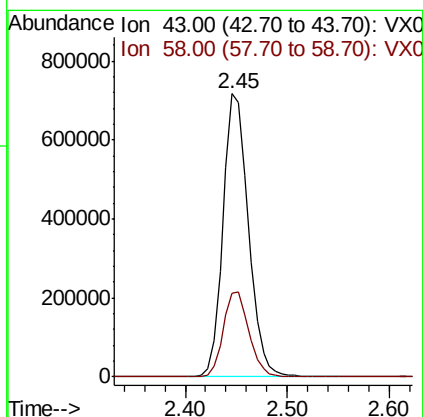
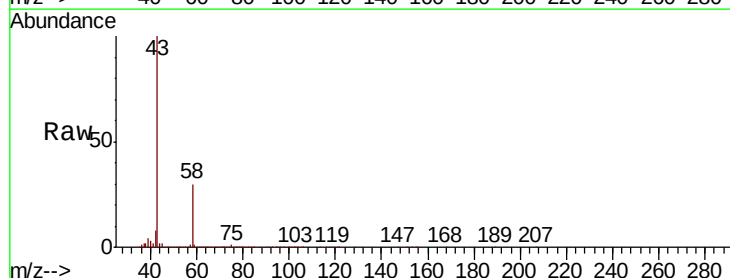
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

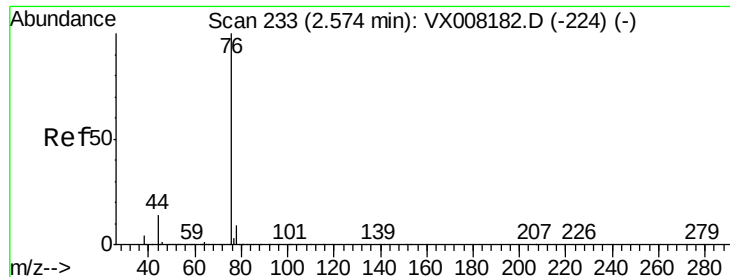
Tgt Ion: 53 Resp: 1326429
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.0 99.0
 51 36.0 28.0 42.0



#16
 Acetone
 Concen: 450.010 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

Tgt Ion: 43 Resp: 1238861
 Ion Ratio Lower Upper
 43 100
 58 29.6 25.5 38.3





#17

Carbon Disulfide

Concen: 97.270 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

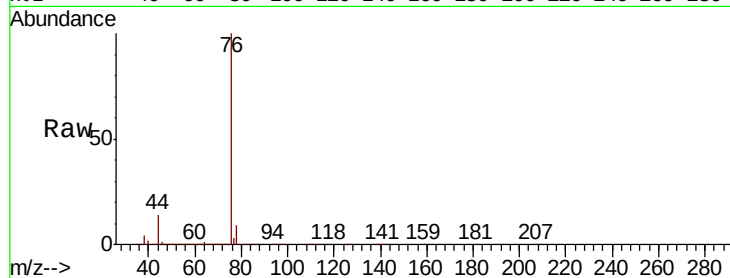
VSTDIC100

Tgt Ion: 76 Resp: 1211247

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

800000

600000

400000

200000

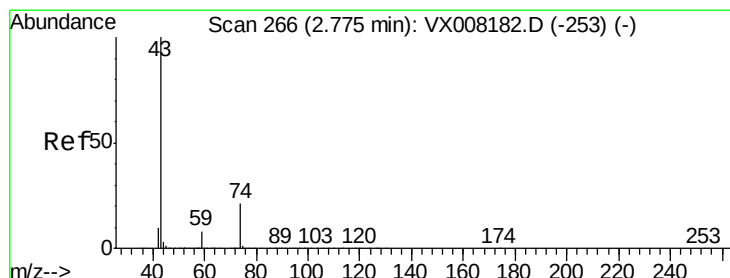
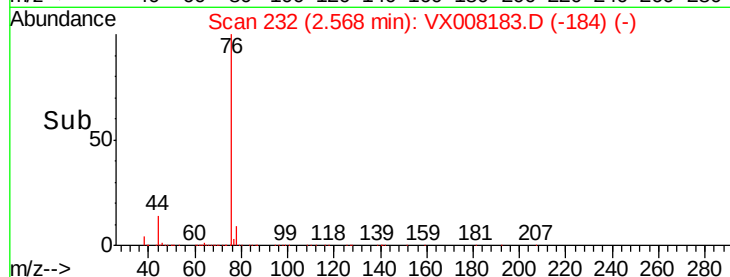
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 94.223 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008183.D

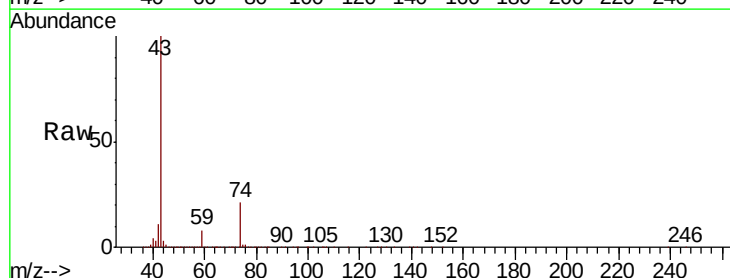
Acq: 19 Mar 2019 11:33

Tgt Ion: 43 Resp: 633701

Ion Ratio Lower Upper

43 100

74 21.4 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

400000

300000

200000

100000

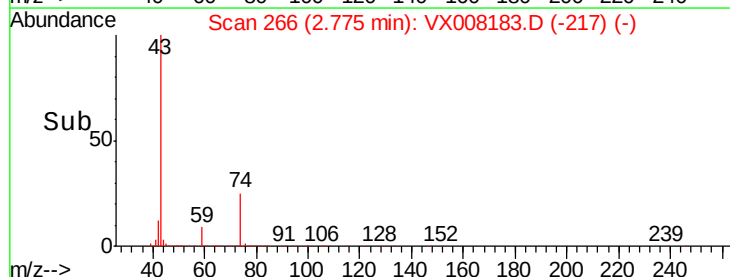
0

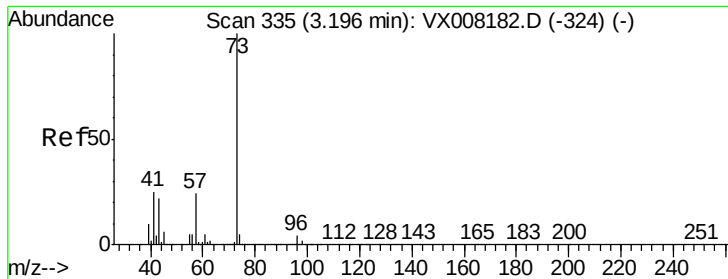
Time-->

2.70

2.80

2.90



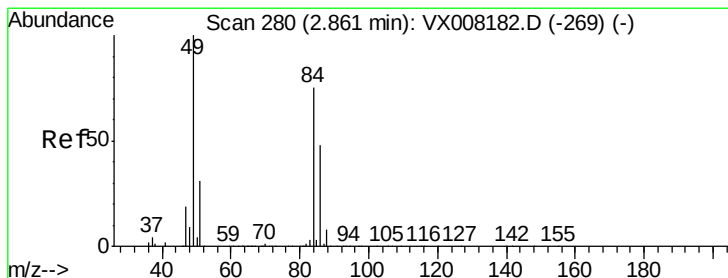
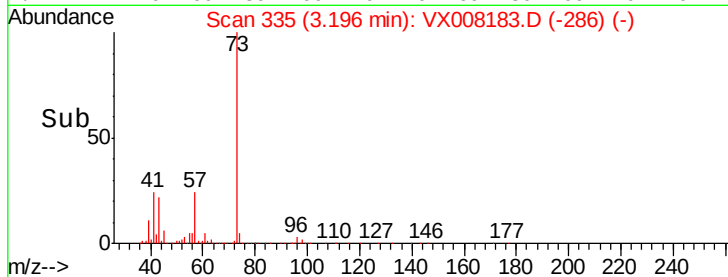
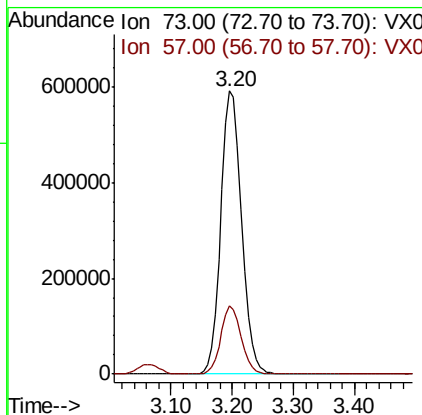
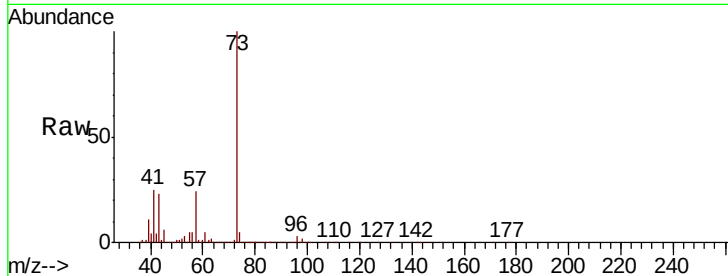


#19

Methyl tert-butyl Ether
 Concen: 95.252 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

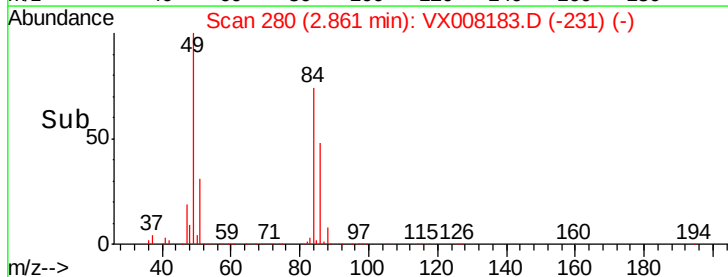
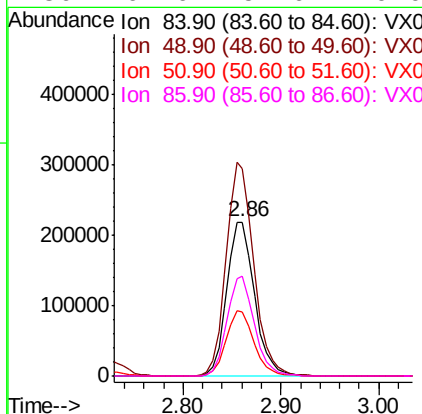
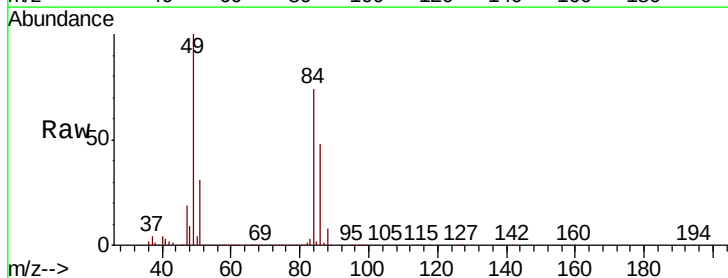
Tgt Ion: 73 Resp: 1394460
 Ion Ratio Lower Upper
 73 100
 57 23.9 18.2 27.4

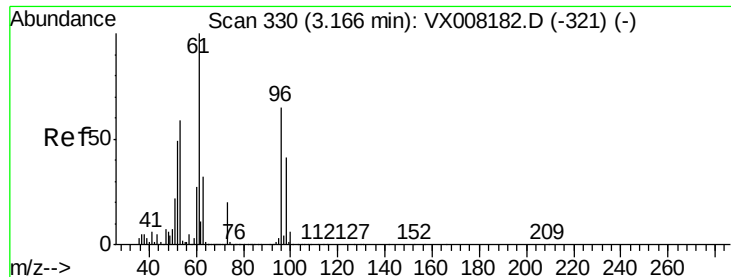


#20

Methylene Chloride
 Concen: 94.428 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

Tgt Ion: 84 Resp: 430601
 Ion Ratio Lower Upper
 84 100
 49 134.8 99.3 148.9
 51 41.2 31.3 46.9
 86 64.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 96.287 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

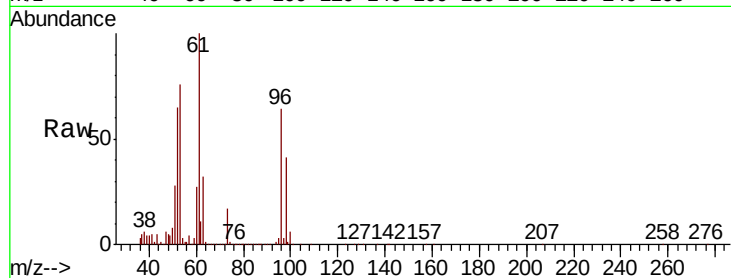
Tgt Ion: 96 Resp: 407322

Ion Ratio Lower Upper

96 100

61 155.7 114.4 171.6

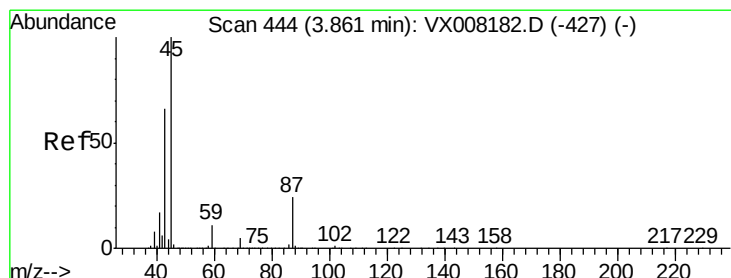
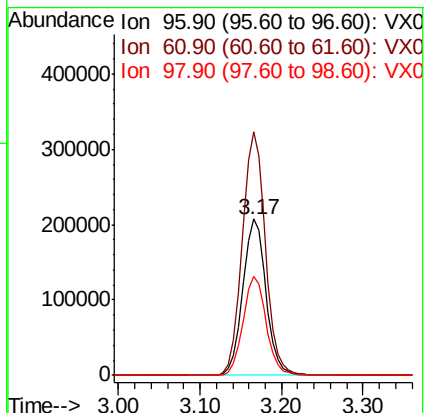
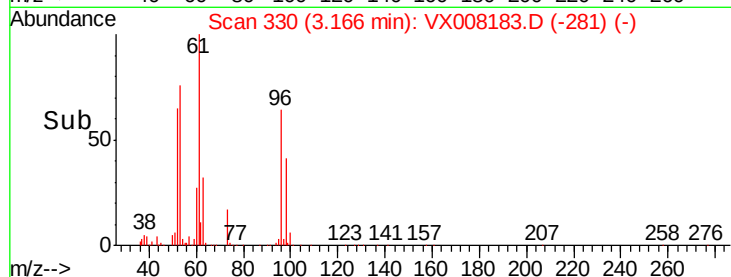
98 63.2 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 93.719 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Tgt Ion: 45 Resp: 1635733

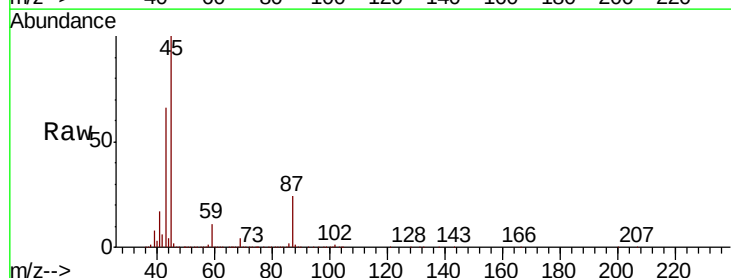
Ion Ratio Lower Upper

45 100

43 66.0 45.3 67.9

87 23.9 21.4 32.0

59 10.9 9.5 14.3

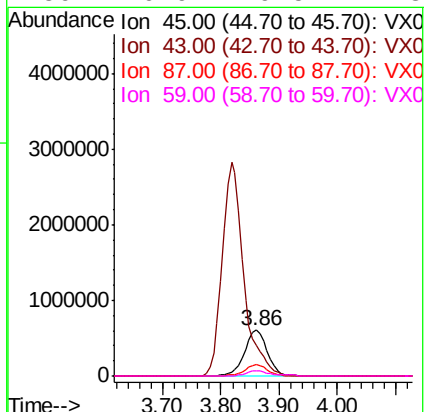
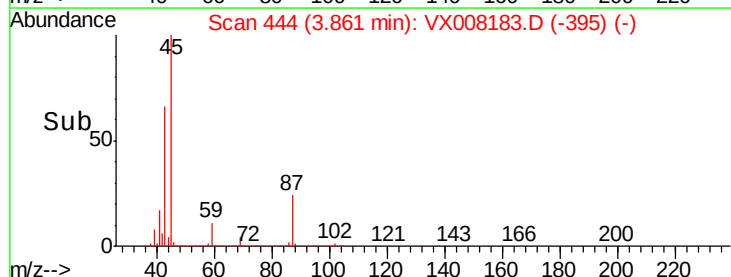


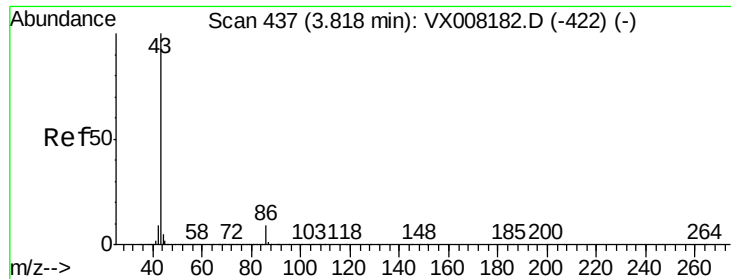
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

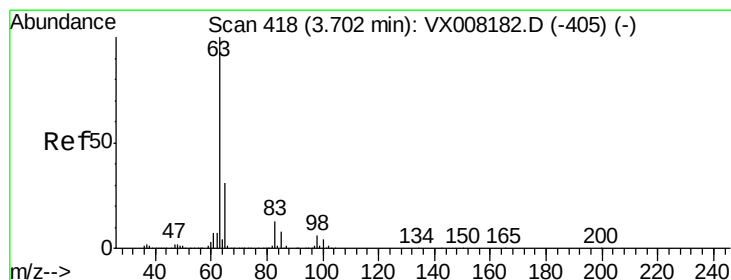
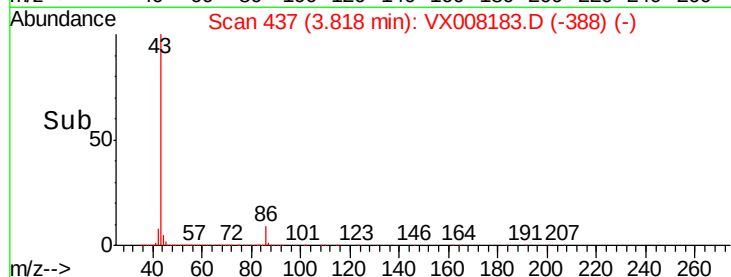
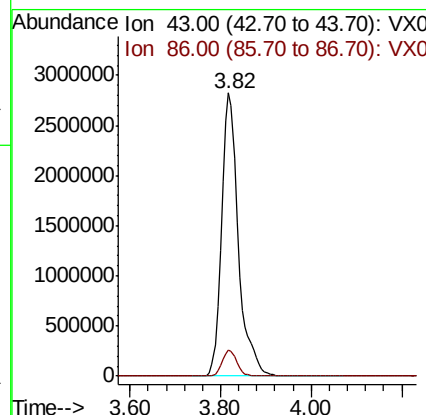
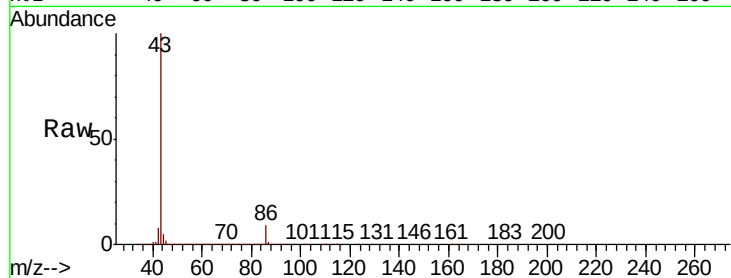




#23
 Vinyl Acetate
 Concen: 470.859 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

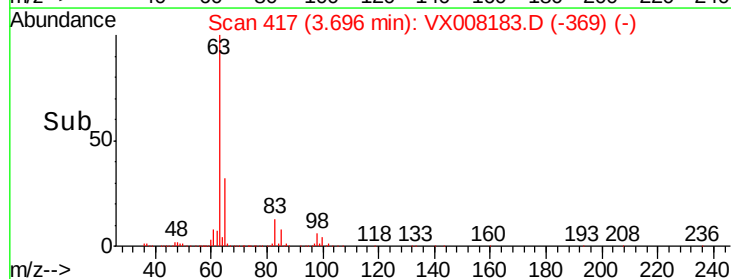
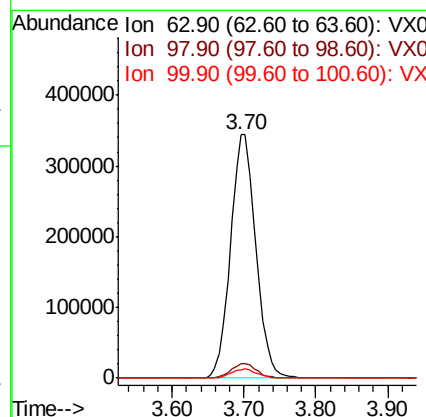
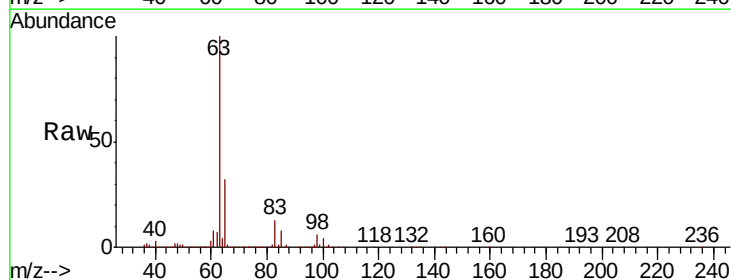
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

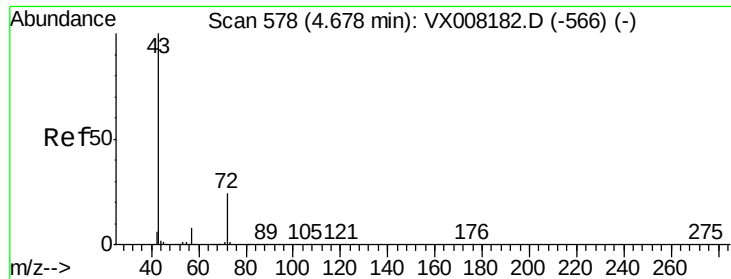
Tgt Ion: 43 Resp: 7246540
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 95.846 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

Tgt Ion: 63 Resp: 841984
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.8
 100 3.6 2.3 6.8





#25

2-Butanone

Concen: 462.341 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

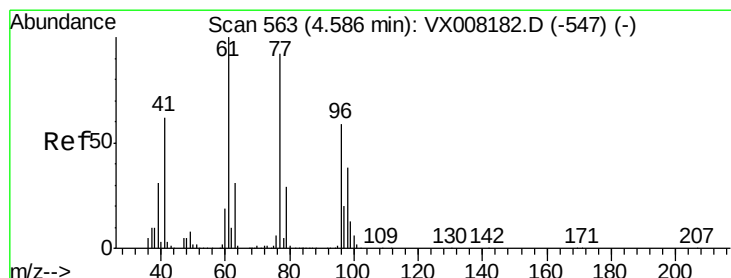
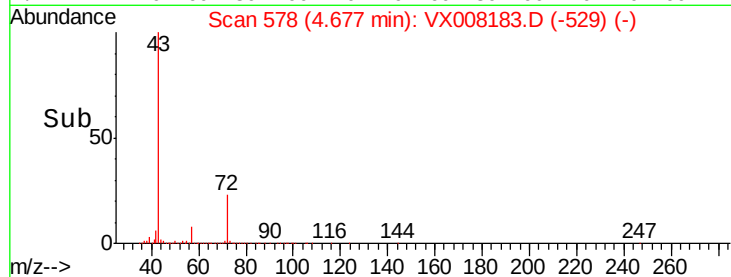
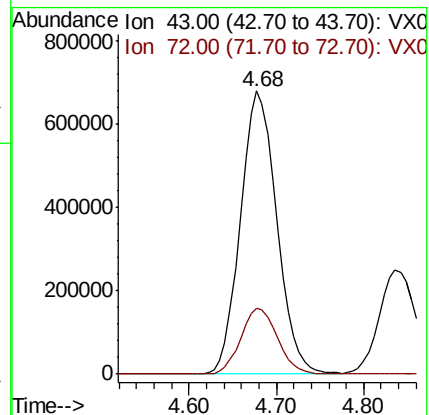
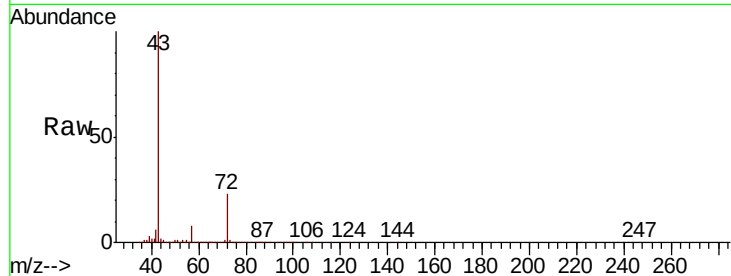
VSTDIC100

Tgt Ion: 43 Resp: 1954034

Ion Ratio Lower Upper

43 100

72 23.2 19.9 29.9



#26

2,2-Dichloropropane

Concen: 96.111 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008183.D

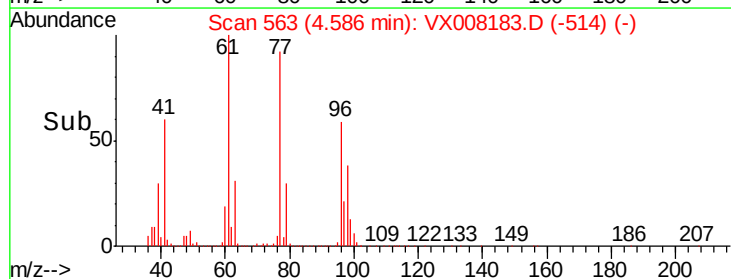
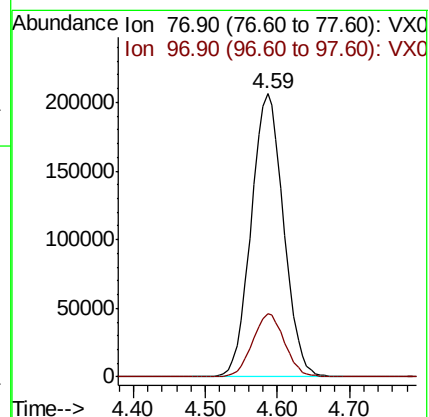
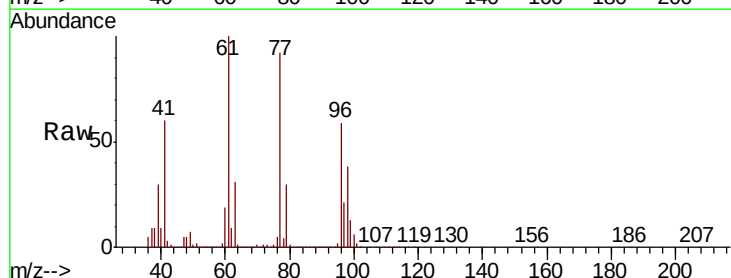
Acq: 19 Mar 2019 11:33

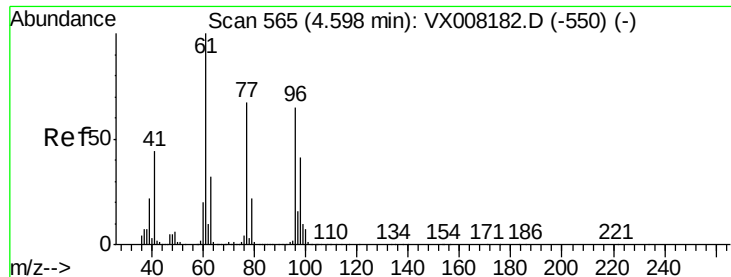
Tgt Ion: 77 Resp: 642741

Ion Ratio Lower Upper

77 100

97 22.5 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 95.942 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

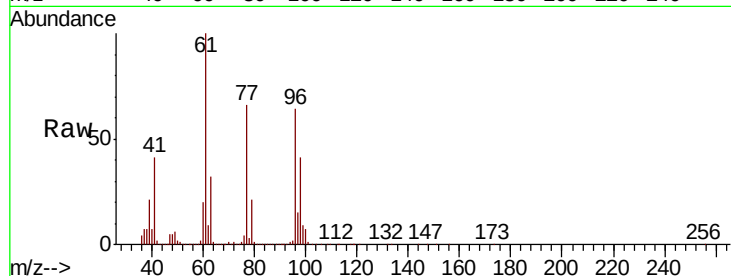
Tgt Ion: 96 Resp: 466110

Ion Ratio Lower Upper

96 100

61 162.5 0.0 288.0

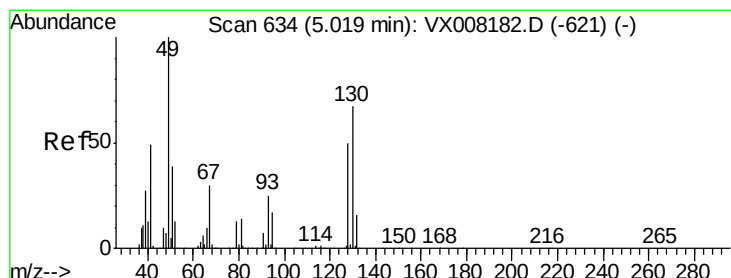
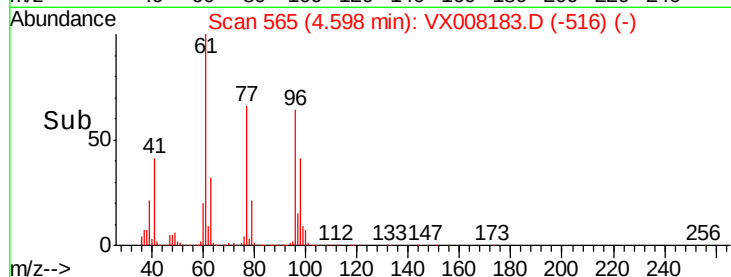
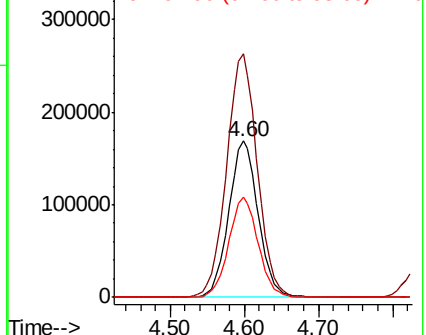
98 64.2 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 93.586 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

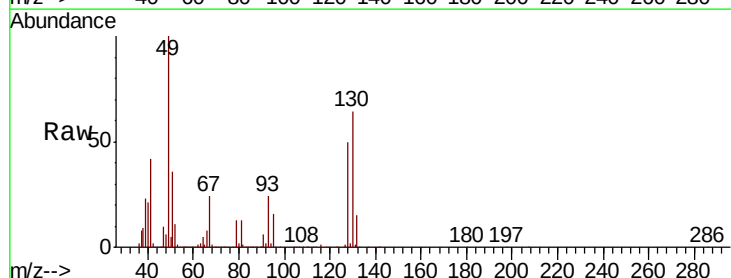
Tgt Ion: 49 Resp: 345517

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

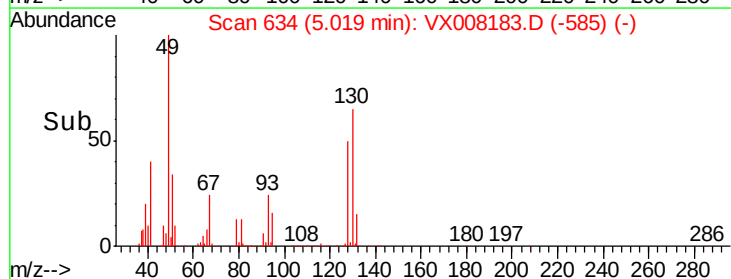
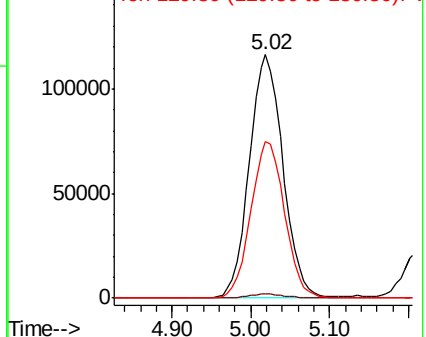
130 64.4 65.0 97.4#

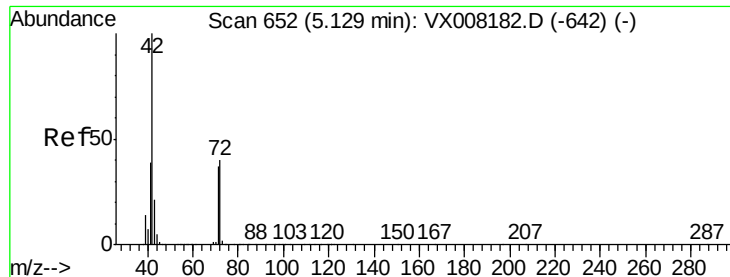


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 465.275 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

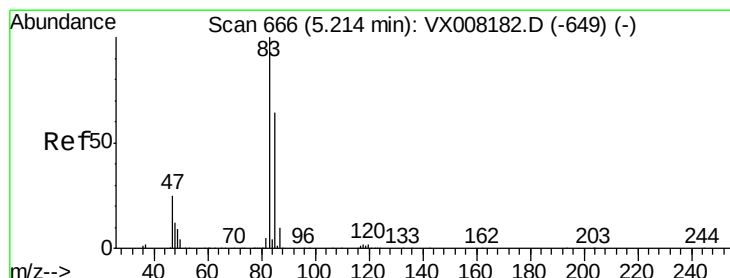
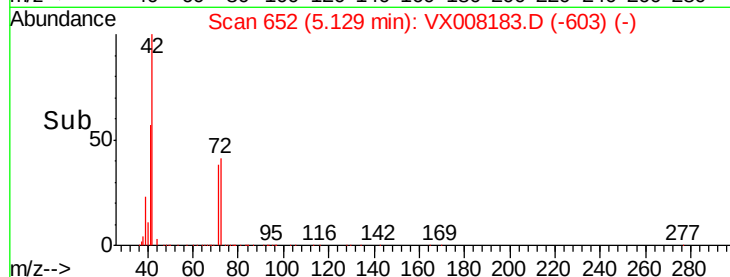
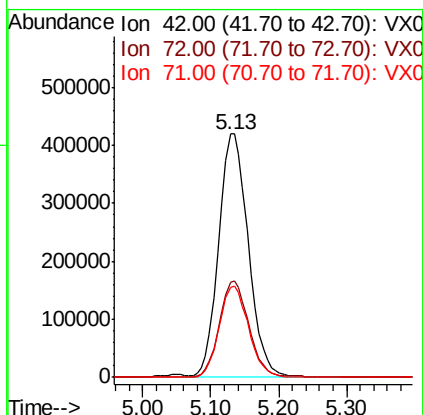
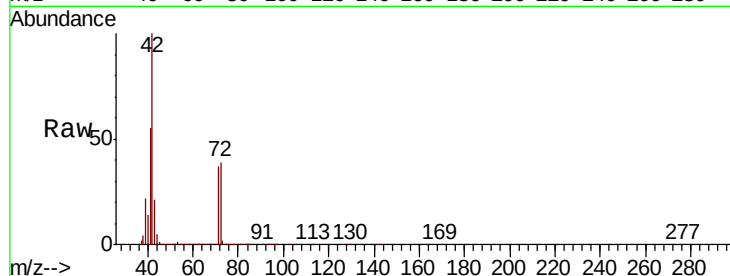
Tgt Ion: 42 Resp: 1267012

Ion Ratio Lower Upper

42 100

72 39.8 33.8 50.6

71 37.3 31.5 47.3



#30

Chloroform

Concen: 93.937 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008183.D

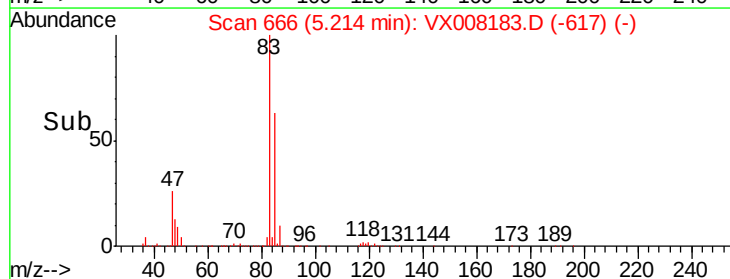
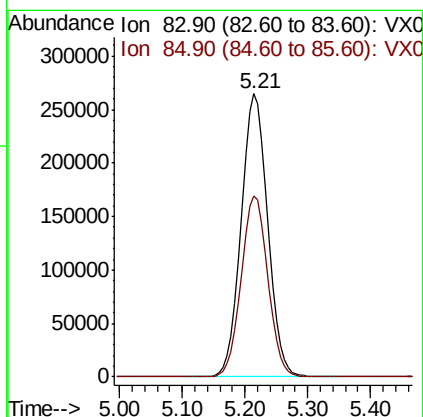
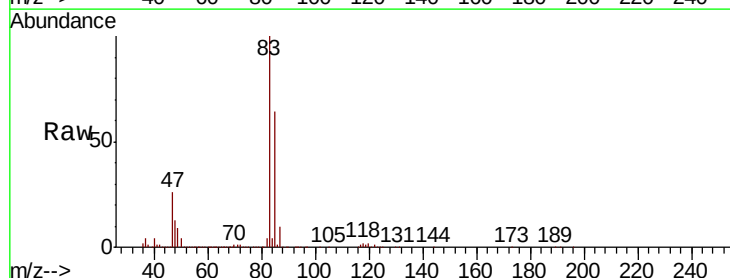
Acq: 19 Mar 2019 11:33

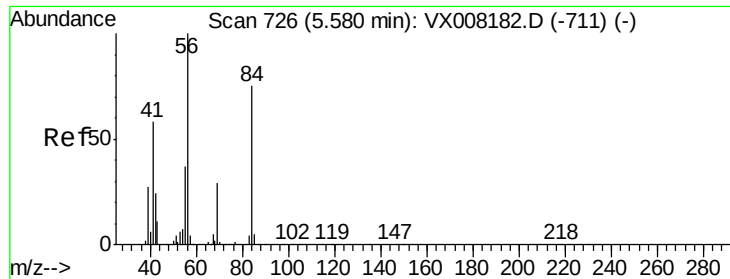
Tgt Ion: 83 Resp: 775062

Ion Ratio Lower Upper

83 100

85 64.1 51.8 77.6

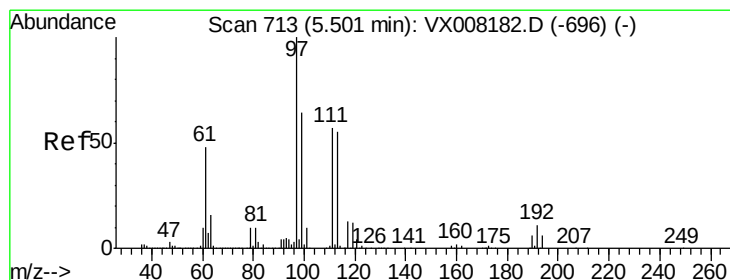
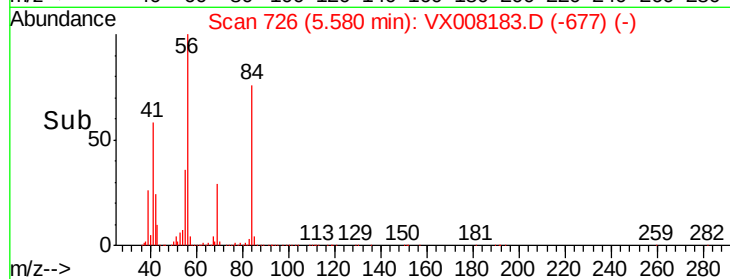
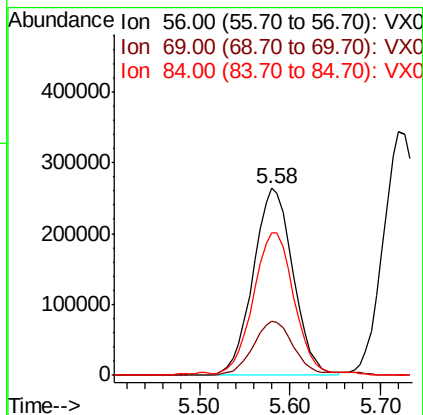
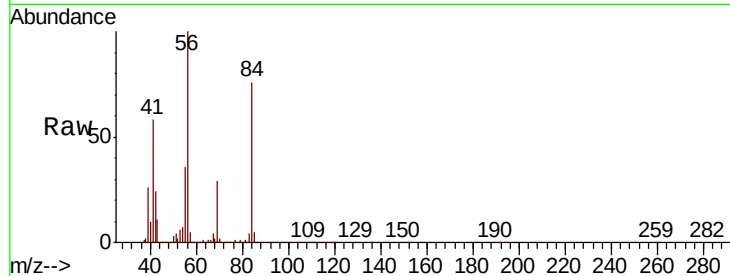




#31
Cyclohexane
Concen: 93.674 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

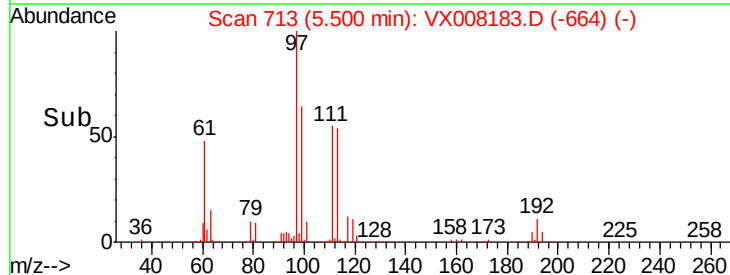
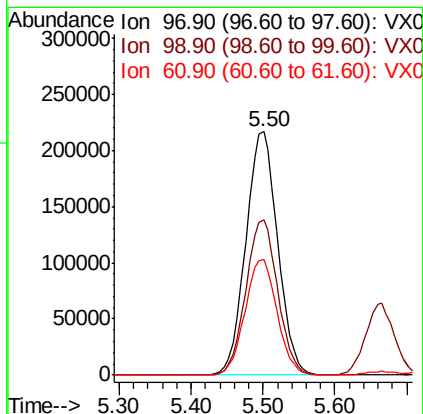
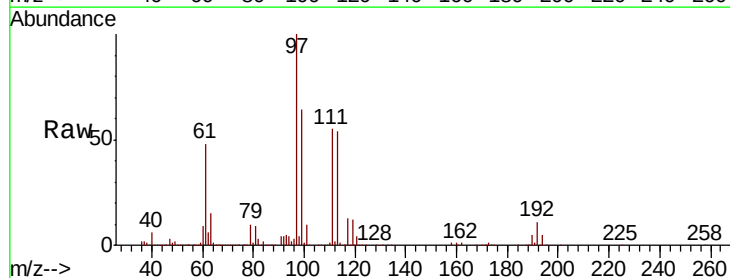
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

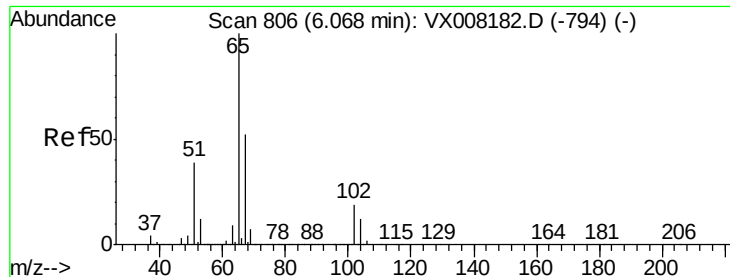
Tgt Ion: 56 Resp: 804055
Ion Ratio Lower Upper
56 100
69 28.9 24.0 36.0
84 75.3 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 96.117 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

Tgt Ion: 97 Resp: 666169
Ion Ratio Lower Upper
97 100
99 64.0 52.2 78.2
61 48.0 34.9 52.3

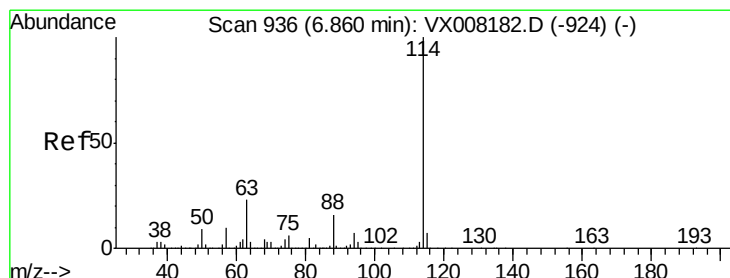
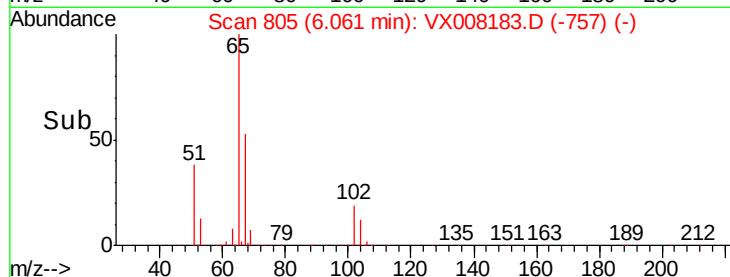
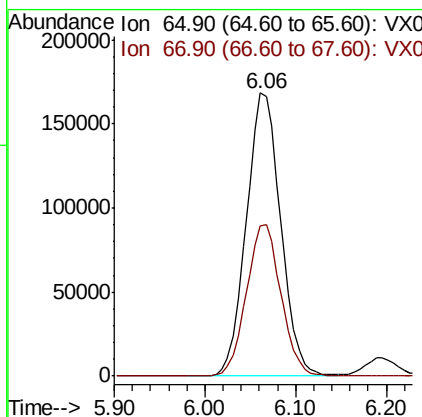
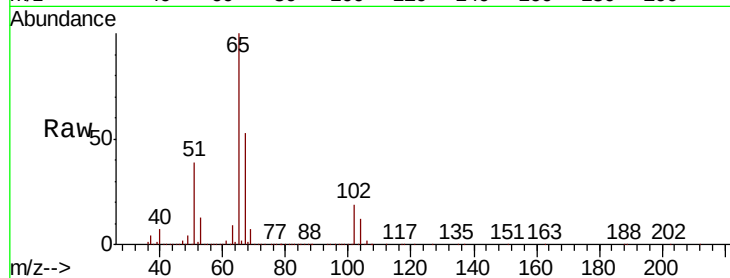




#33
 1,2-Dichloroethane-d4
 Concen: 93.955 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

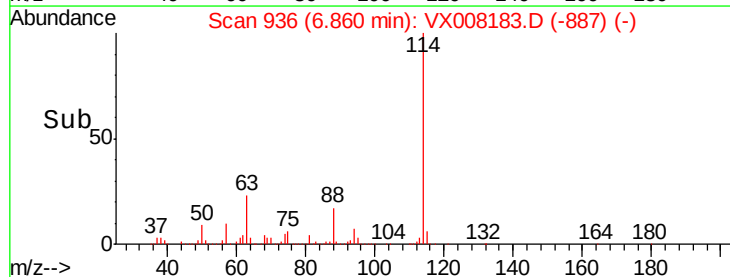
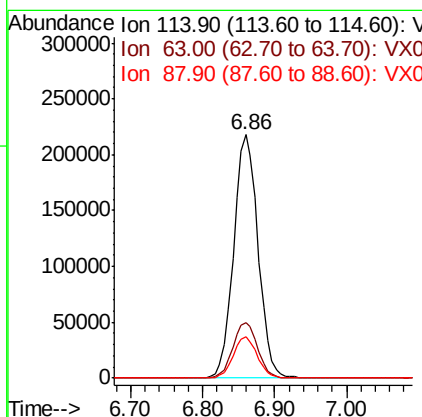
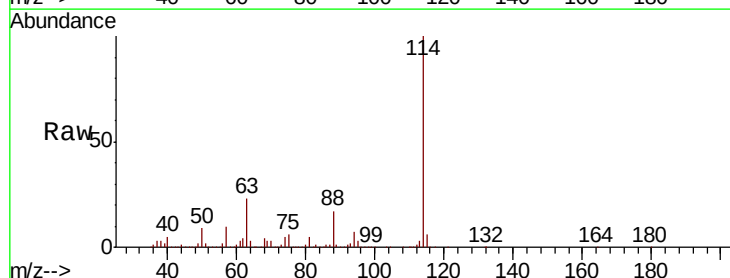
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

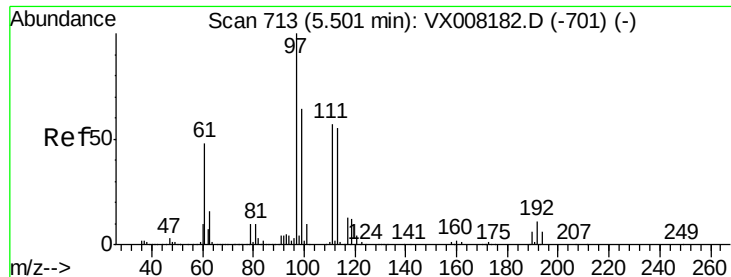
Tgt Ion: 65 Resp: 441277
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

Tgt Ion: 114 Resp: 512303
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 39.8
 88 16.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 94.230 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

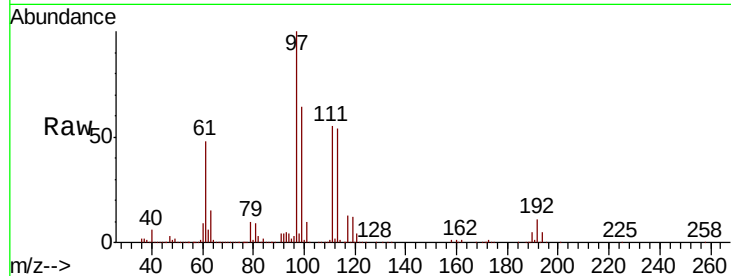
Tgt Ion:113 Resp: 332757

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

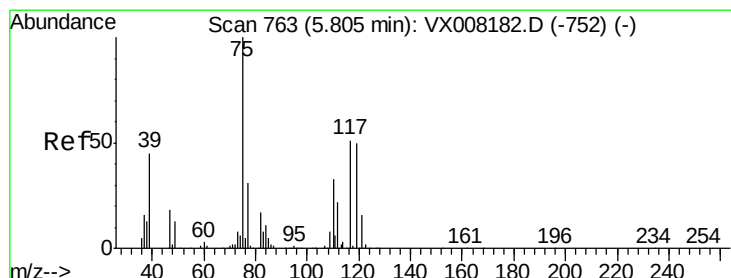
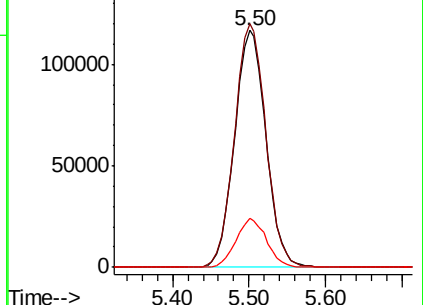
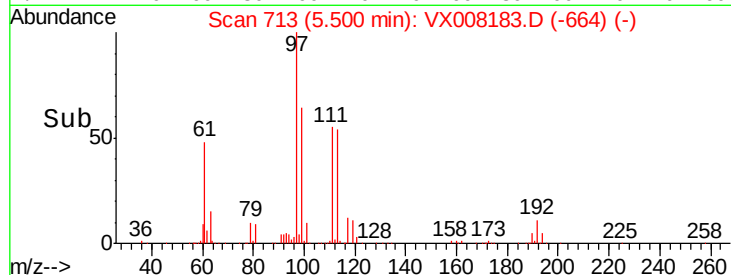
192 20.1 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 96.297 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

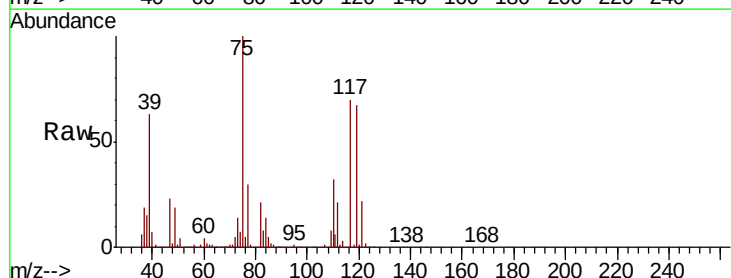
Tgt Ion: 75 Resp: 616821

Ion Ratio Lower Upper

75 100

110 33.2 18.4 55.0

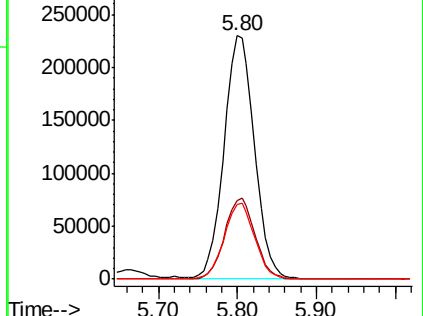
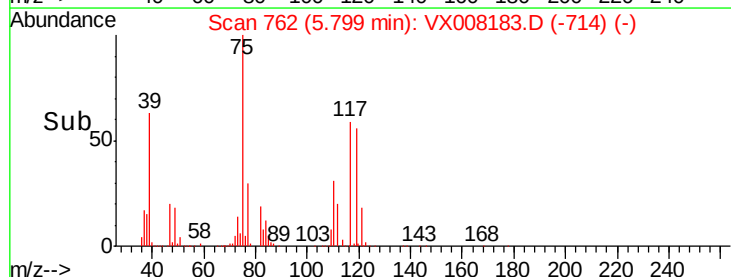
77 31.0 25.0 37.4

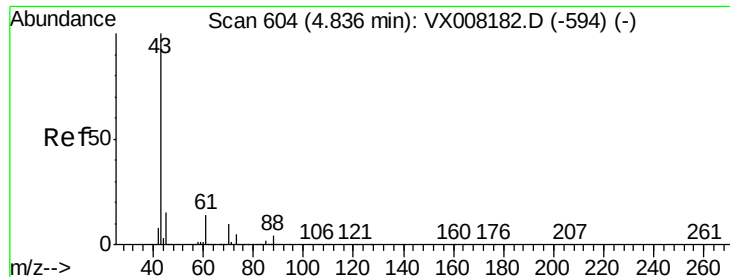


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

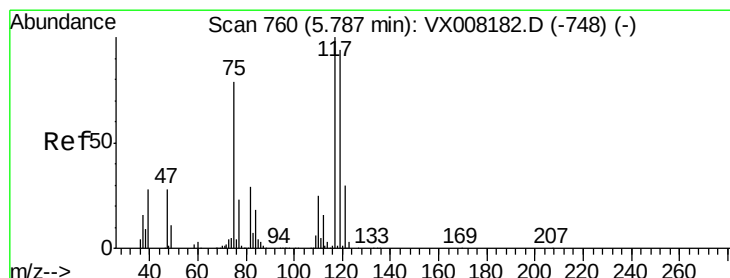
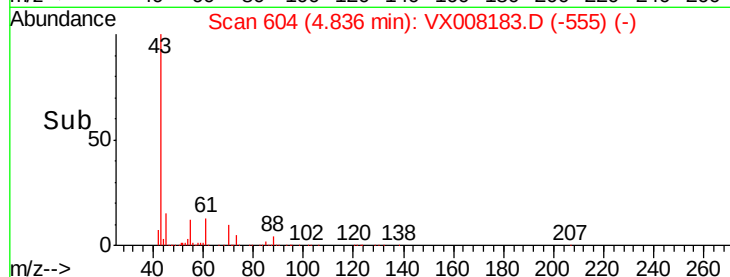
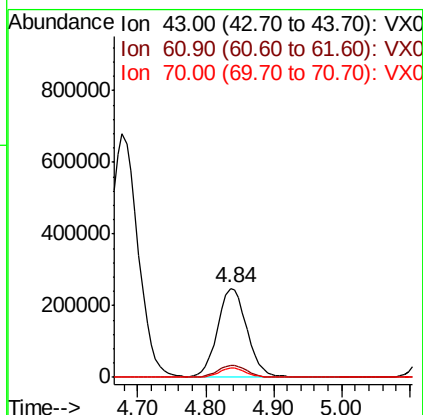
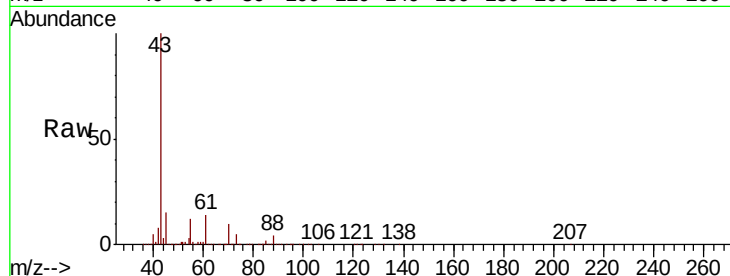




#37
Ethyl Acetate
Concen: 92.863 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

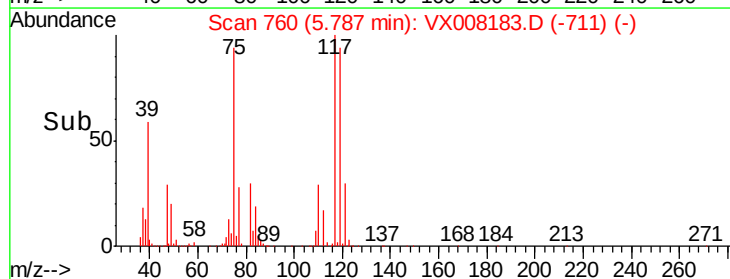
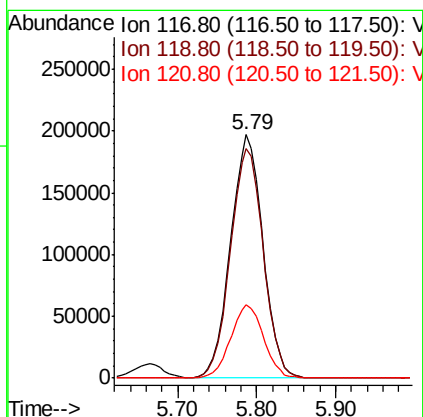
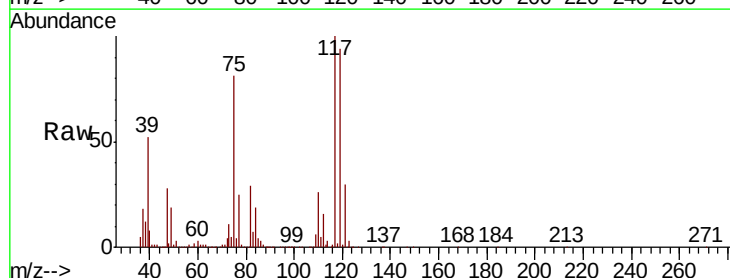
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

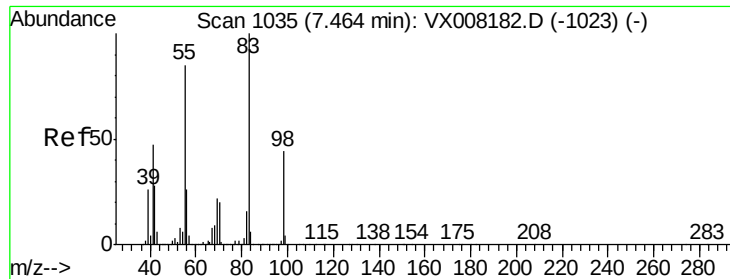
Tgt Ion: 43 Resp: 740822
Ion Ratio Lower Upper
43 100
61 13.3 11.3 16.9
70 9.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 95.827 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

Tgt Ion: 117 Resp: 560987
Ion Ratio Lower Upper
117 100
119 94.2 76.2 114.2
121 30.3 24.6 36.8

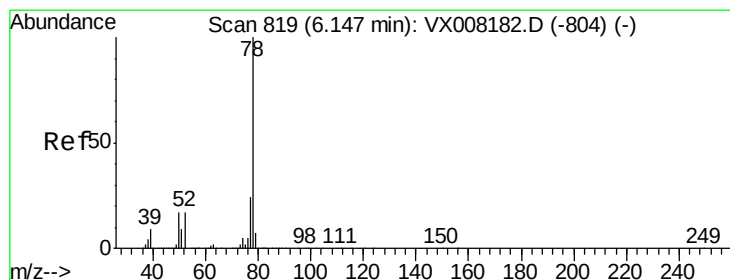
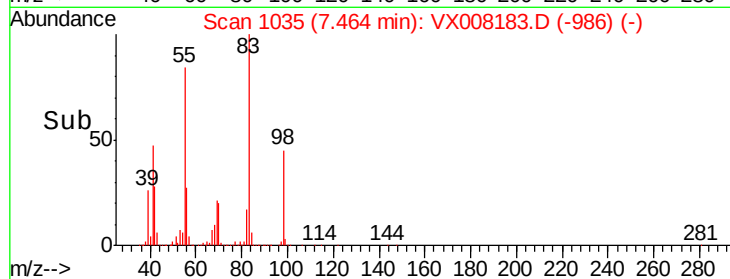
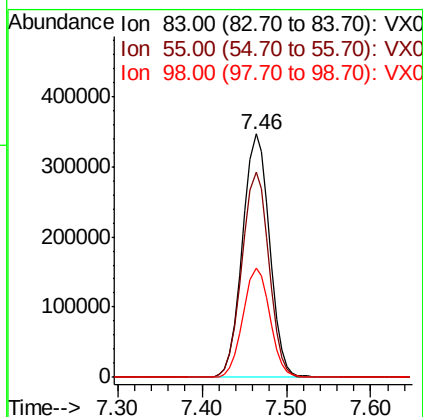
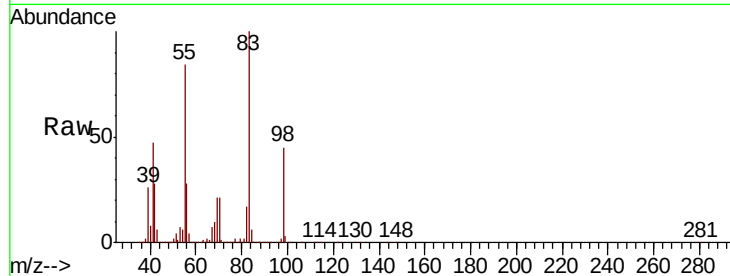




#39
Methylcyclohexane
Concen: 94.369 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

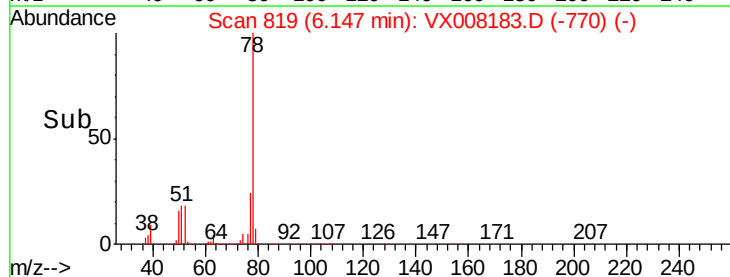
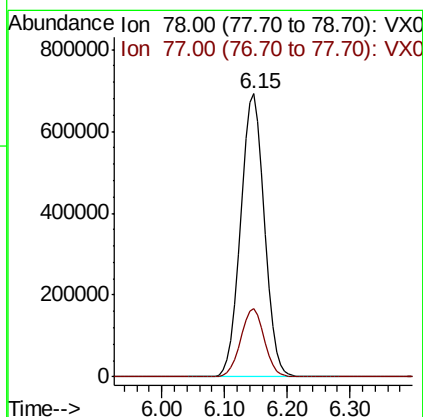
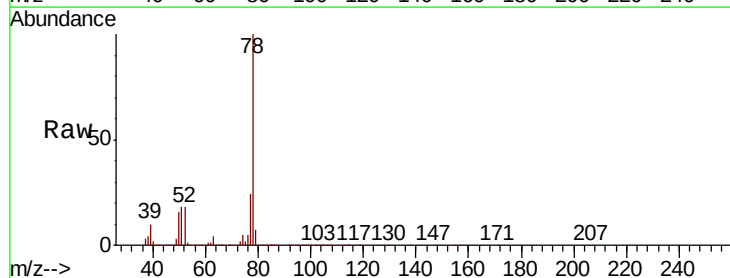
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

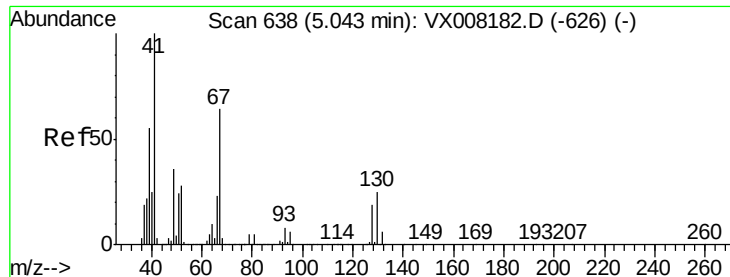
Tgt Ion: 83 Resp: 747520
Ion Ratio Lower Upper
83 100
55 84.2 60.4 90.6
98 44.9 36.5 54.7



#40
Benzene
Concen: 94.456 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

Tgt Ion: 78 Resp: 1813231
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4

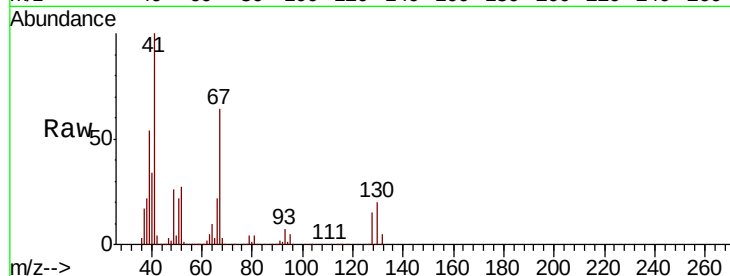




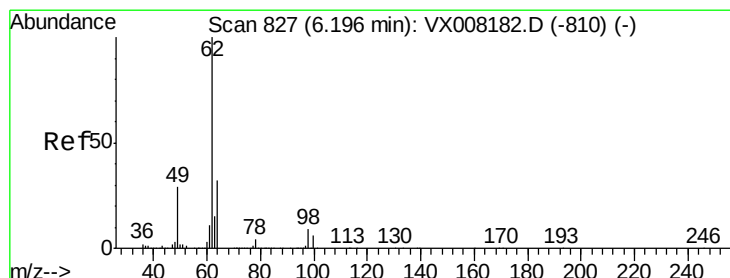
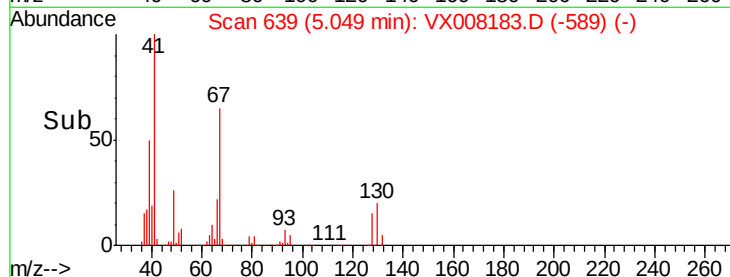
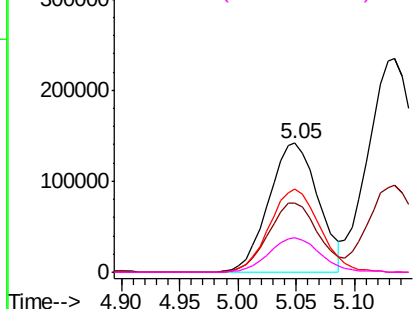
#41
Methacrylonitrile
Concen: 93.363 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	417152
Ion	Ratio	Lower	Upper
41	100		
39	55.0	41.6	62.4
67	65.8	55.8	83.6
52	27.7	21.7	32.5

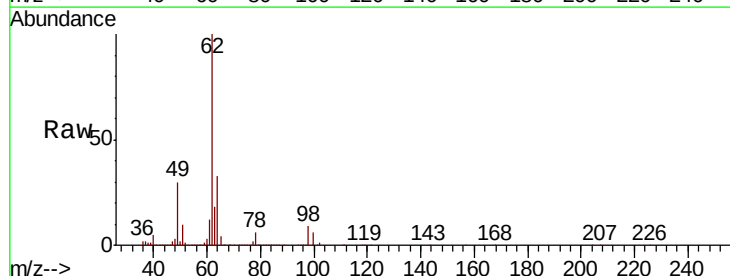


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

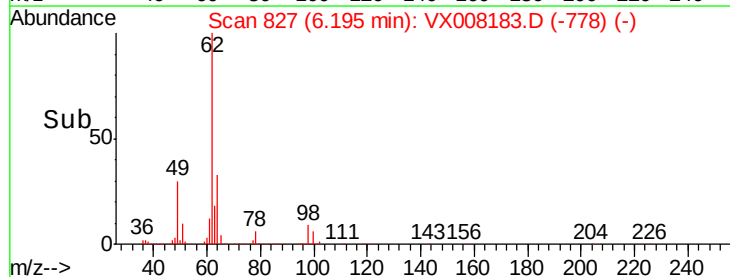
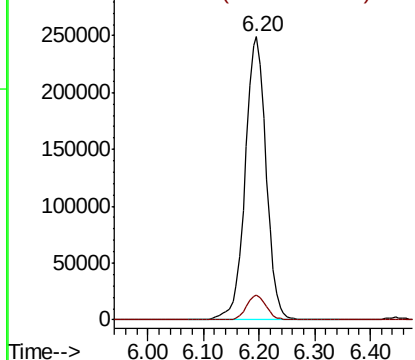


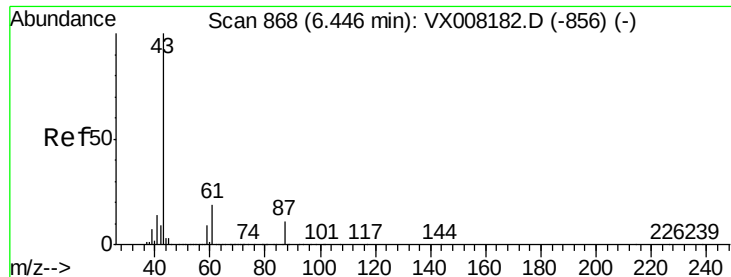
#42
1,2-Dichloroethane
Concen: 93.548 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

Tgt Ion:	62	Resp:	649599
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 94.828 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

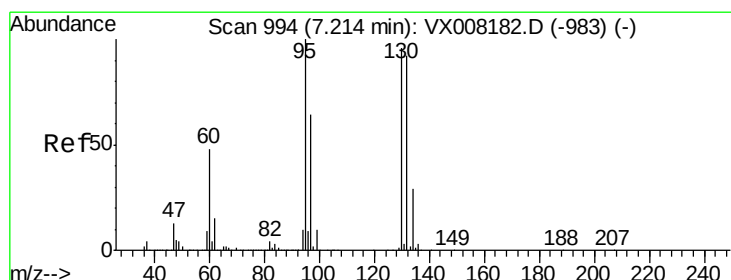
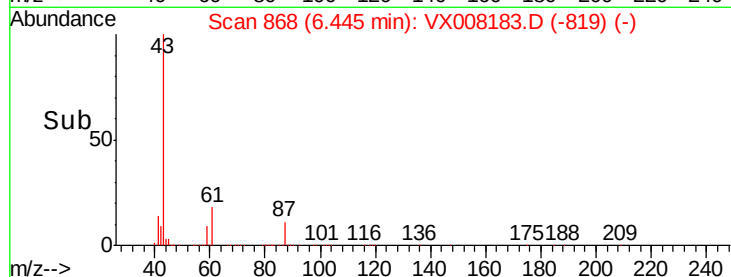
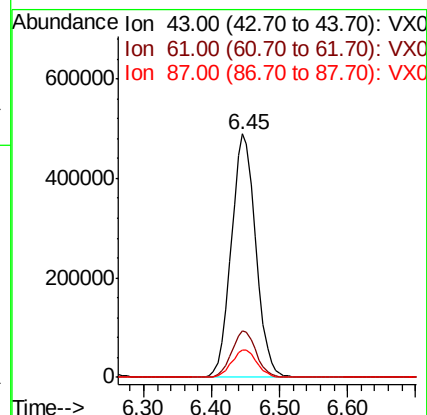
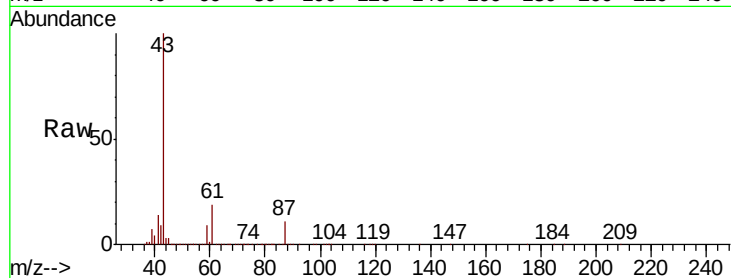
Tgt Ion: 43 Resp: 1211828

Ion Ratio Lower Upper

43 100

61 18.9 16.3 24.5

87 11.6 10.5 15.7



#44

Trichloroethene

Concen: 95.650 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008183.D

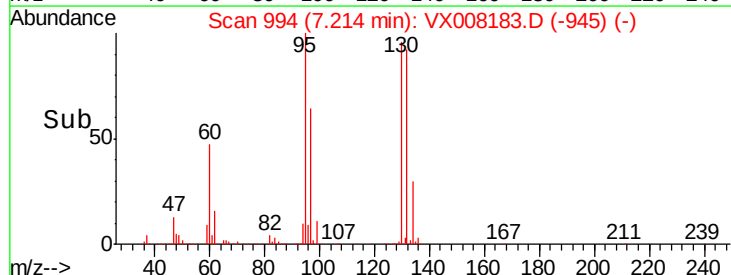
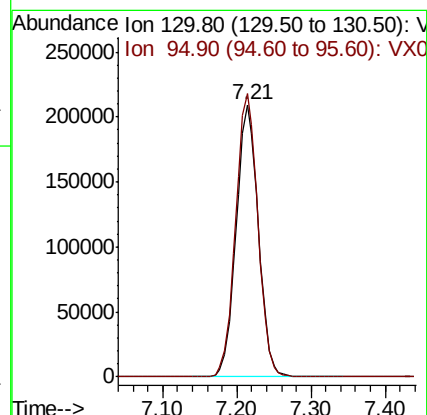
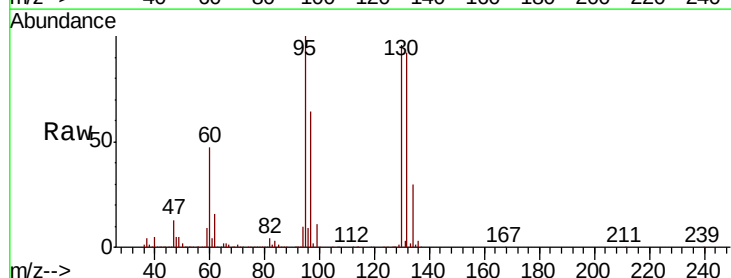
Acq: 19 Mar 2019 11:33

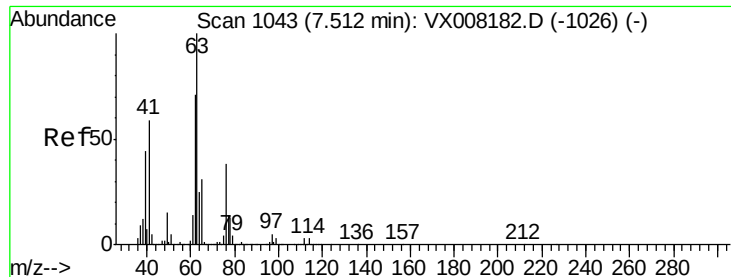
Tgt Ion: 130 Resp: 437025

Ion Ratio Lower Upper

130 100

95 104.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 96.199 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

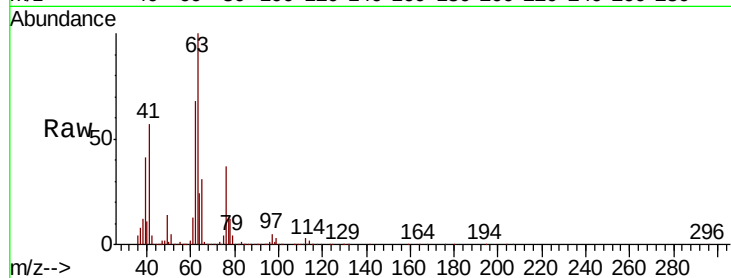
VSTDICC100

Tgt Ion: 63 Resp: 507854

Ion Ratio Lower Upper

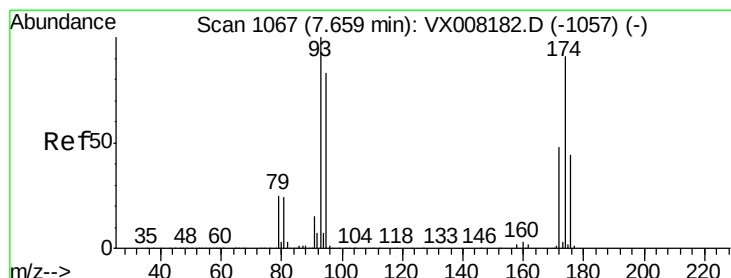
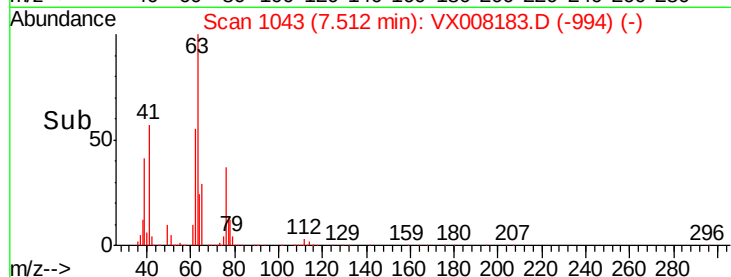
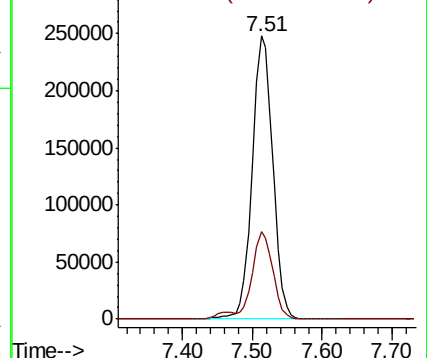
63 100

65 30.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 94.489 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

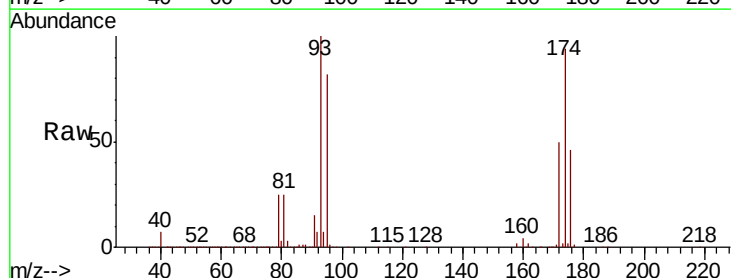
Tgt Ion: 93 Resp: 301062

Ion Ratio Lower Upper

93 100

95 82.9 66.8 100.2

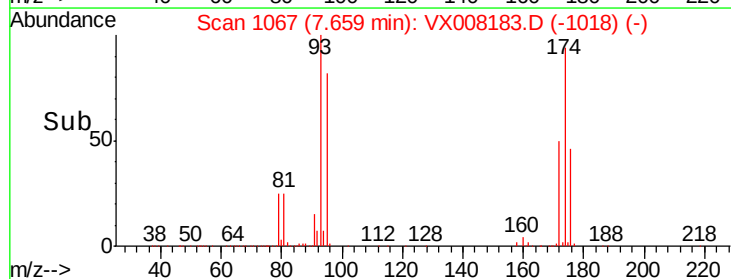
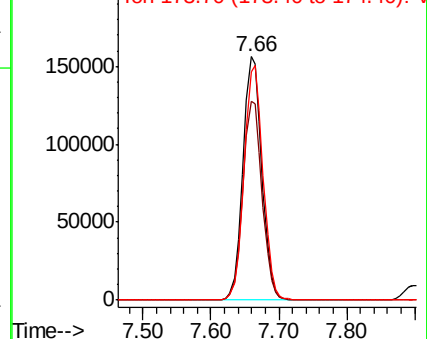
174 96.4 97.3 145.9#

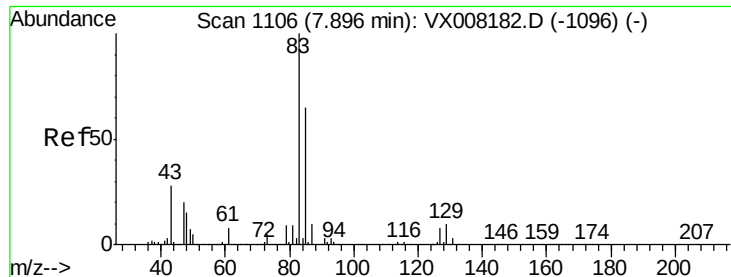


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 95.942 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

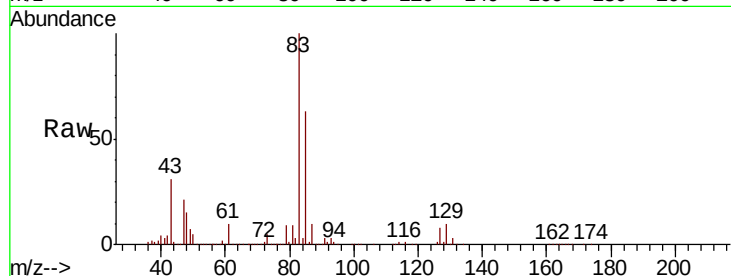
Tgt Ion: 83 Resp: 605189

Ion Ratio Lower Upper

83 100

85 62.7 50.9 76.3

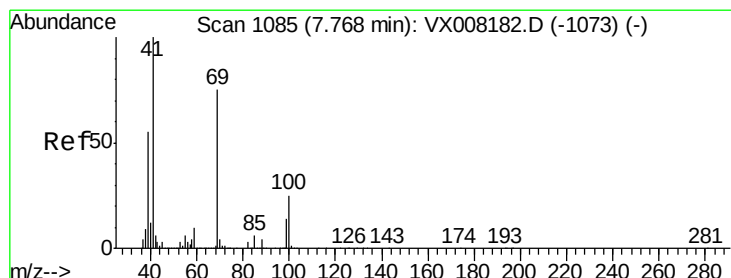
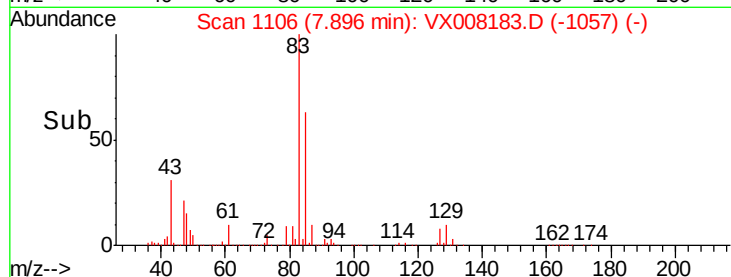
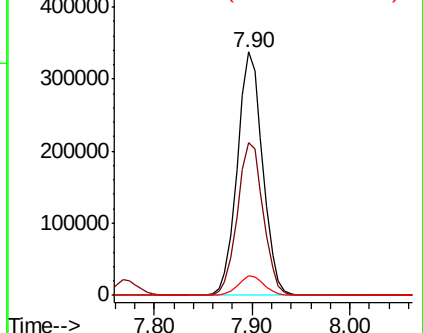
127 7.8 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 93.926 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

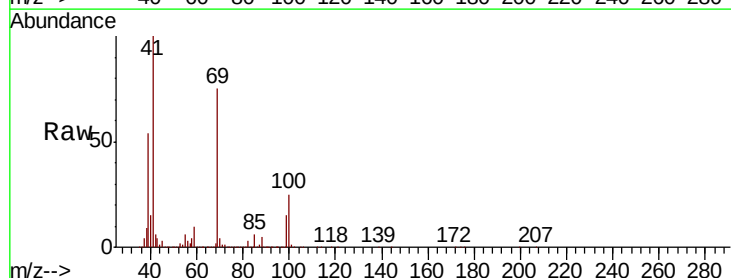
Tgt Ion: 41 Resp: 631341

Ion Ratio Lower Upper

41 100

69 75.6 65.2 97.8

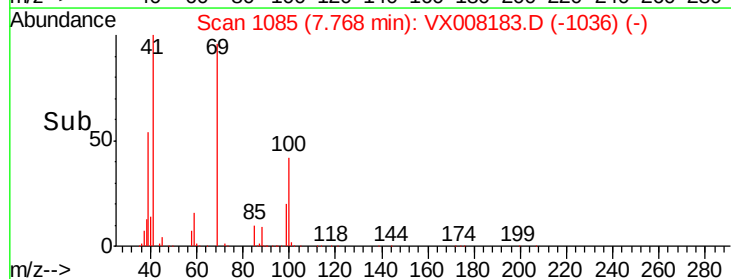
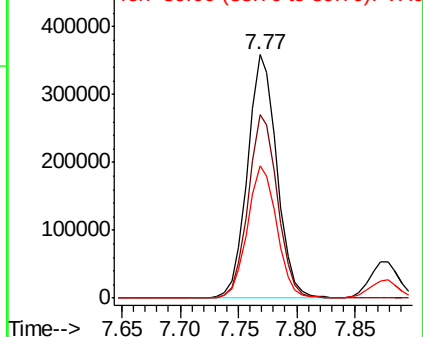
39 54.5 39.4 59.2

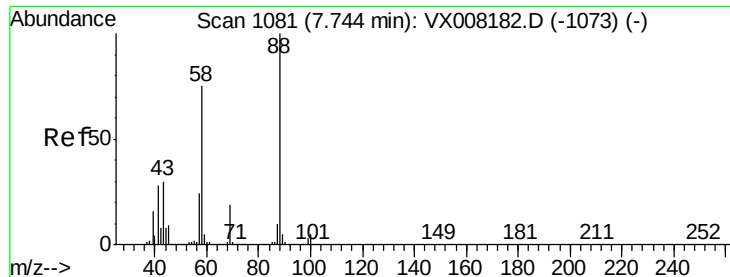


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

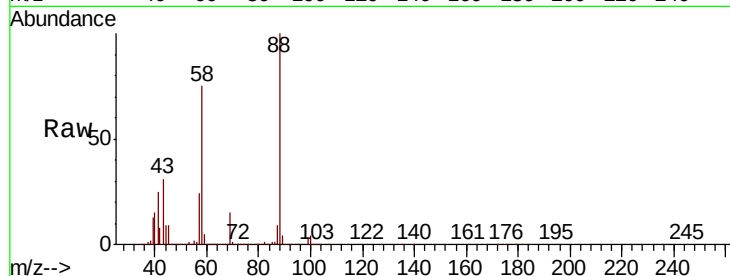




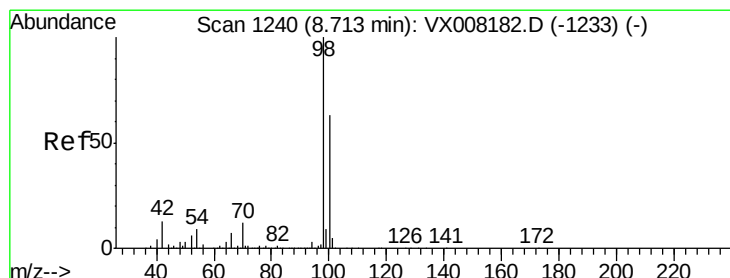
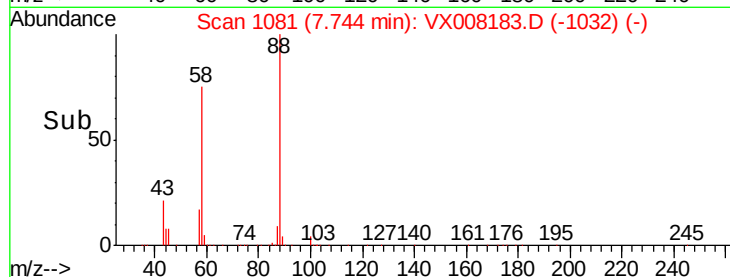
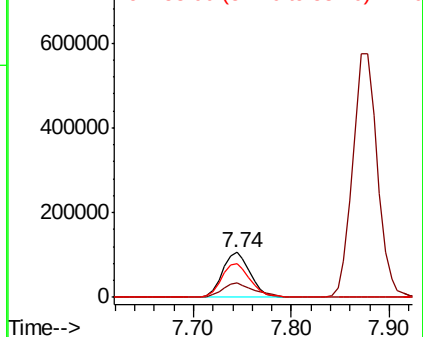
#49
 1,4-Dioxane
 Concen: 1866.549 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 88 Resp: 205879
 Ion Ratio Lower Upper
 88 100
 43 37.6 25.1 37.7
 58 78.5 57.8 86.6

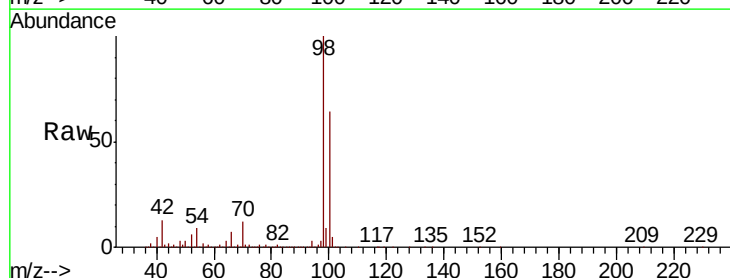


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

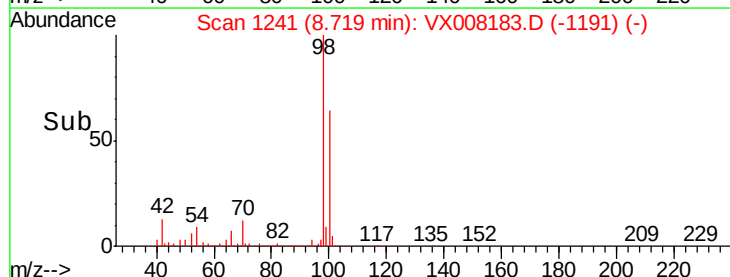
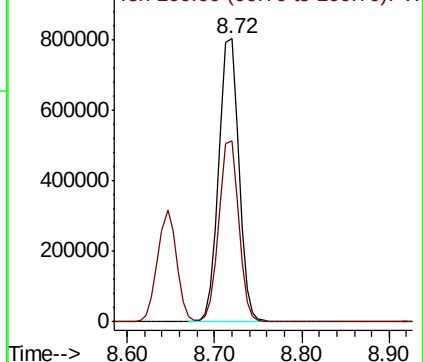


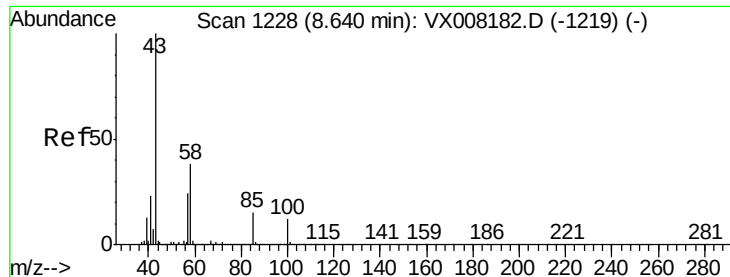
#50
 Toluene-d8
 Concen: 94.227 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

Tgt Ion: 98 Resp: 1278513
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

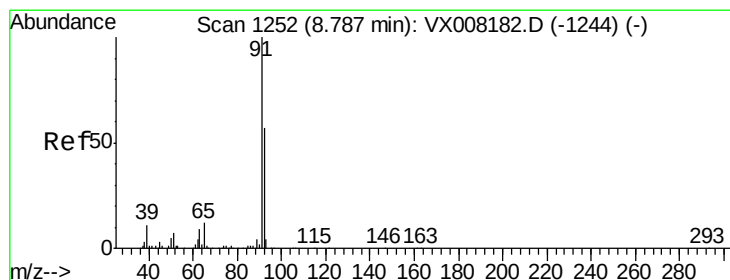
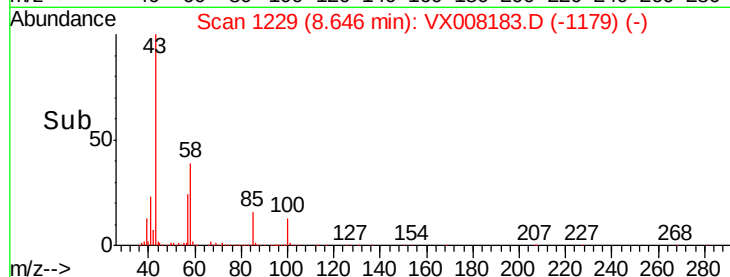
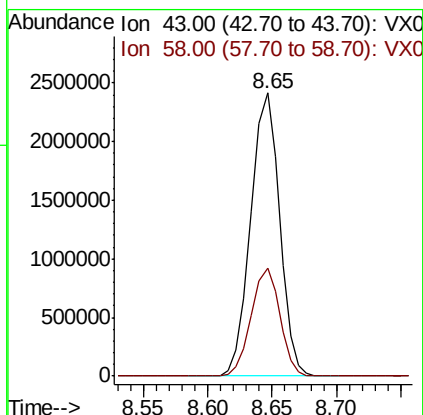
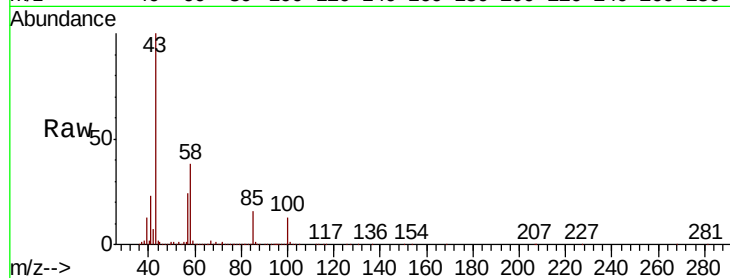




#51
 4-Methyl-2-Pentanone
 Concen: 458.212 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

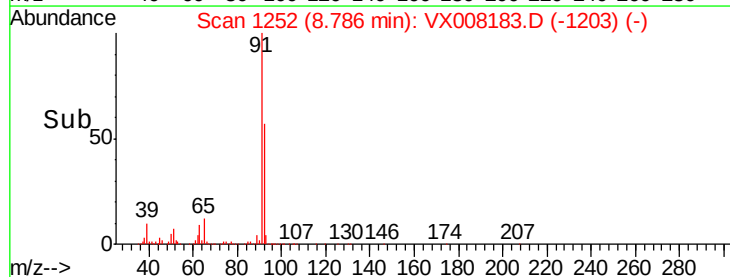
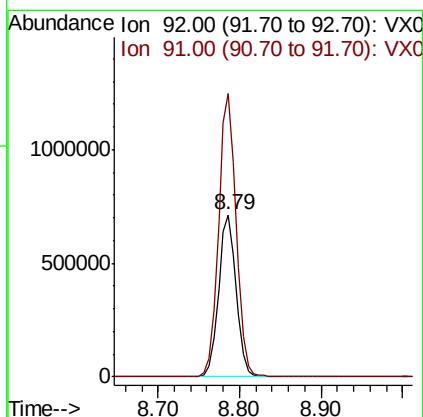
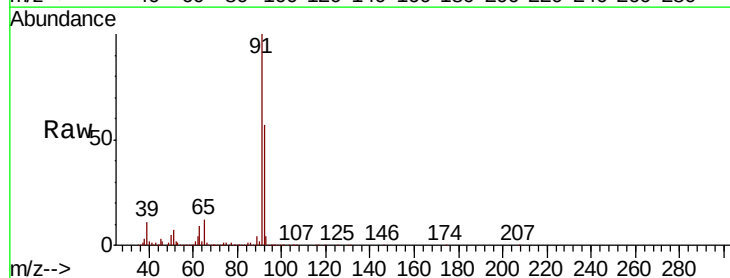
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

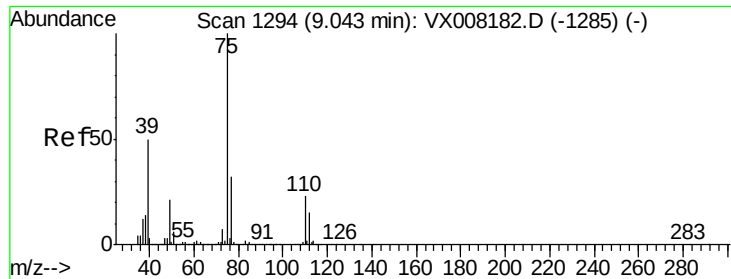
Tgt Ion: 43 Resp: 3733216
 Ion Ratio Lower Upper
 43 100
 58 37.9 31.3 46.9



#52
 Toluene
 Concen: 95.184 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

Tgt Ion: 92 Resp: 1075331
 Ion Ratio Lower Upper
 92 100
 91 174.9 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 98.089 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

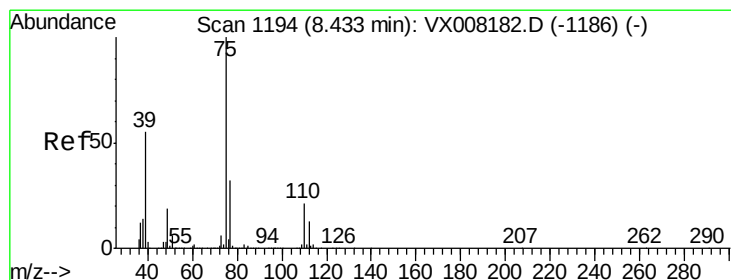
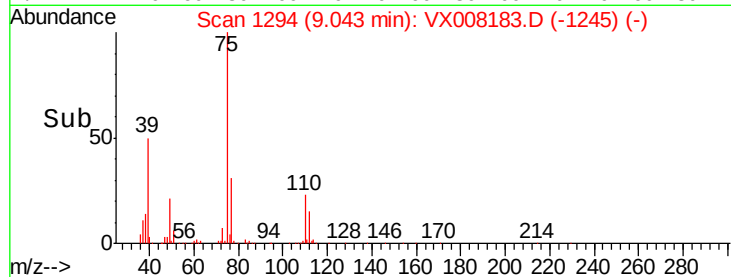
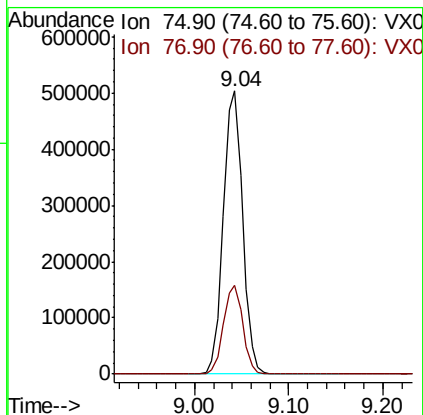
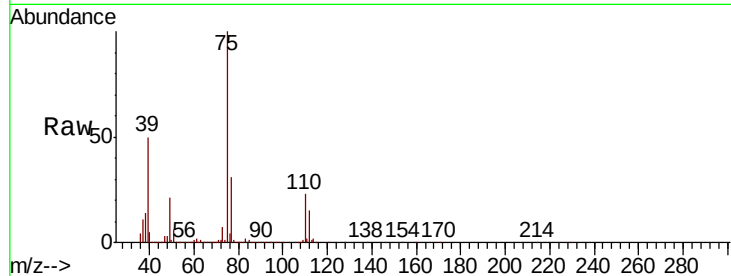
VSTDIC100

Tgt Ion: 75 Resp: 714137

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 96.548 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

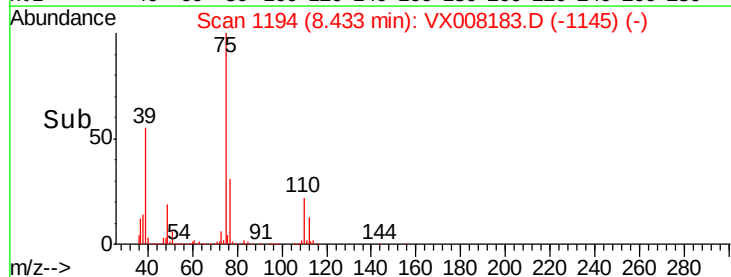
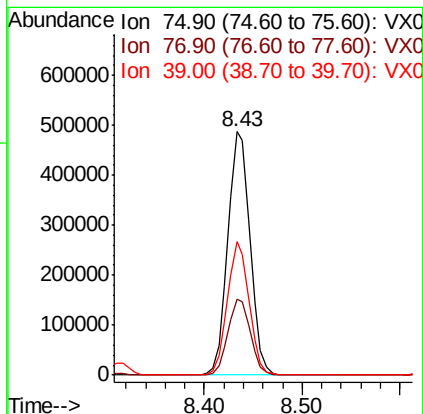
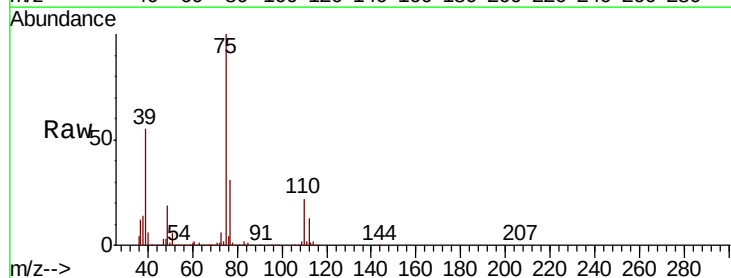
Tgt Ion: 75 Resp: 767944

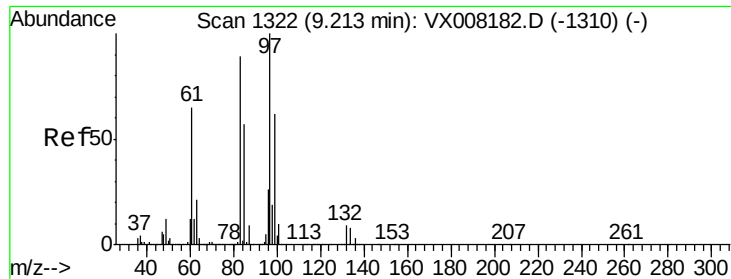
Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6

39 54.9 36.6 54.8#

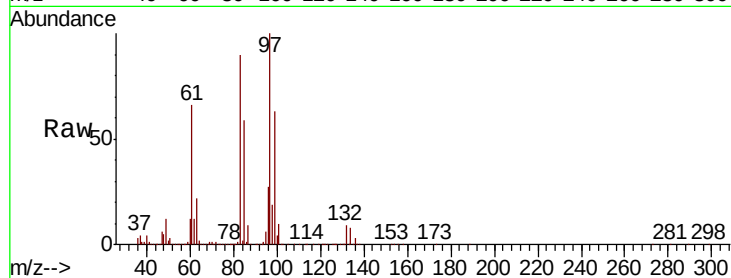




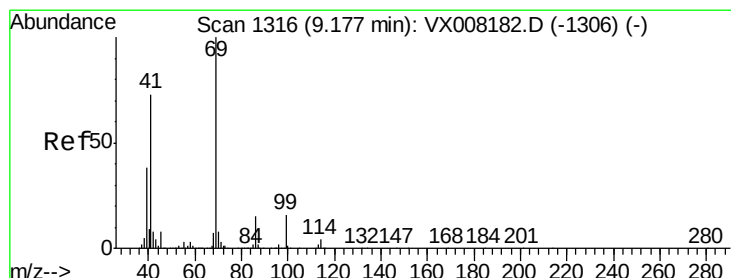
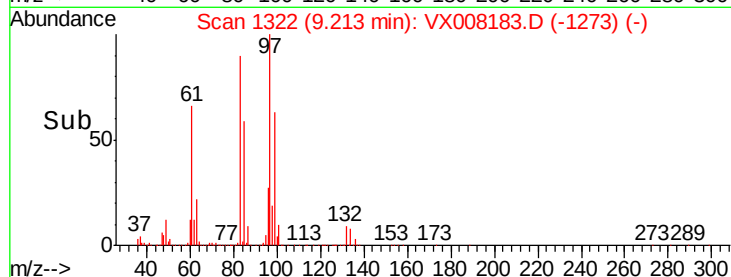
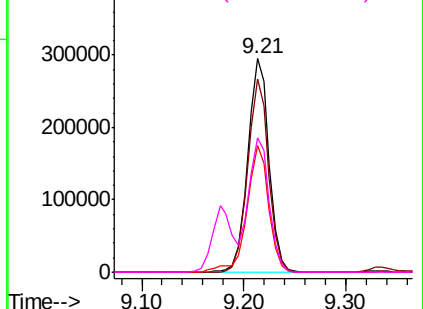
#55
 1,1,2-Trichloroethane
 Concen: 91.795 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	427323
Ion	Ratio	Lower	Upper
97	100		
83	90.5	69.1	103.7
85	59.3	44.3	66.5
99	62.9	49.8	74.8

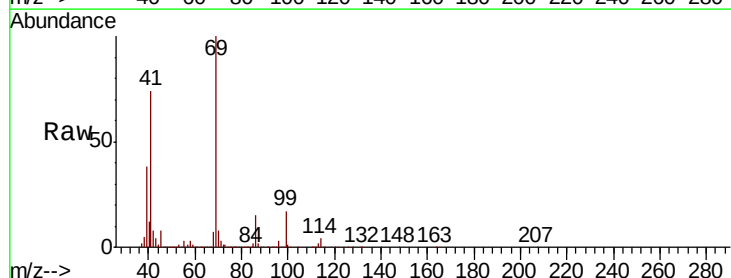


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

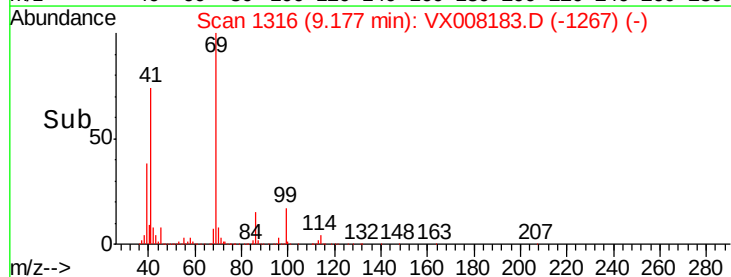
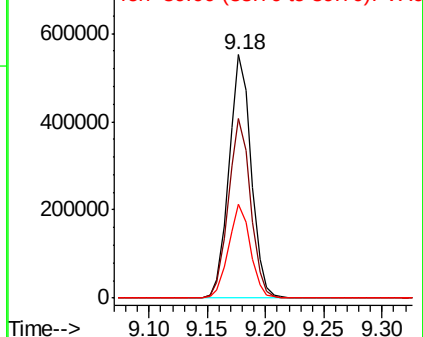


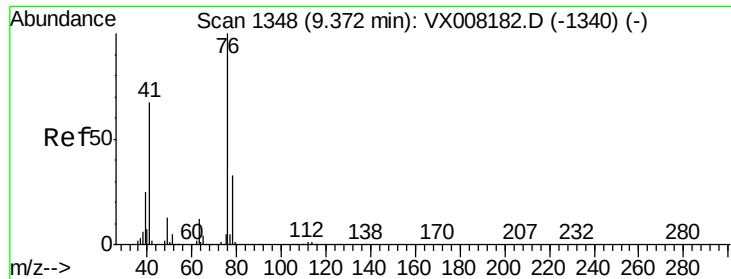
#56
 Ethyl methacrylate
 Concen: 93.756 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

Tgt Ion:	69	Resp:	731266
Ion	Ratio	Lower	Upper
69	100		
41	73.5	54.2	81.4
39	38.0	25.0	37.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 93.822 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

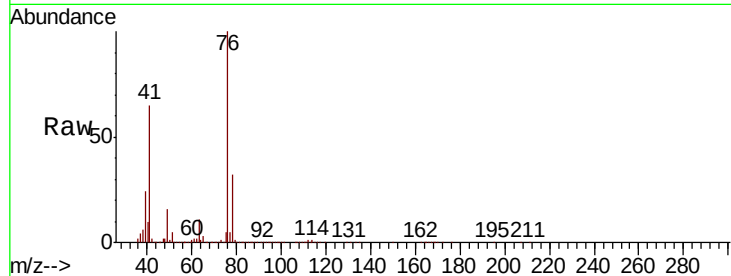
VSTDIC100

Tgt Ion: 76 Resp: 771226

Ion Ratio Lower Upper

76 100

78 31.8 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

600000

500000

400000

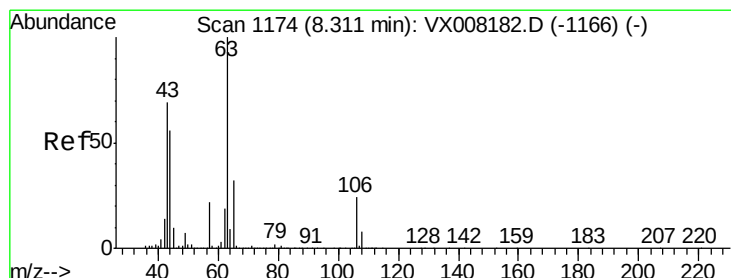
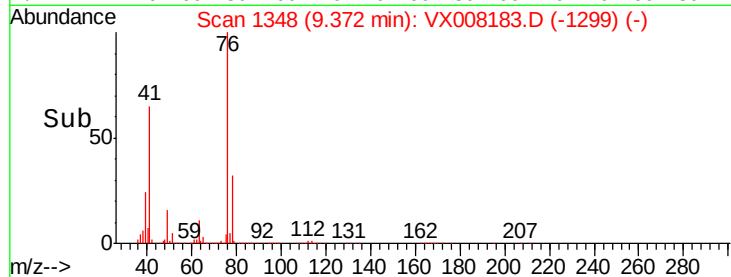
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 479.150 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008183.D

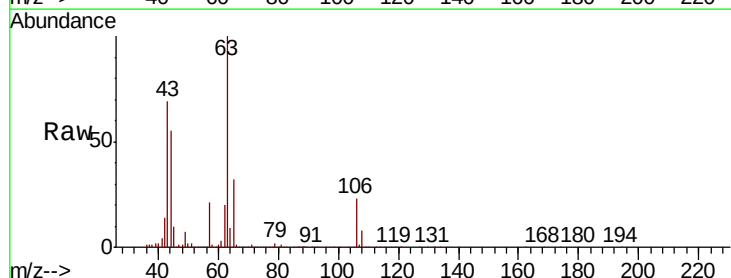
Acq: 19 Mar 2019 11:33

Tgt Ion: 63 Resp: 1738968

Ion Ratio Lower Upper

63 100

106 24.2 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

1200000

1000000

800000

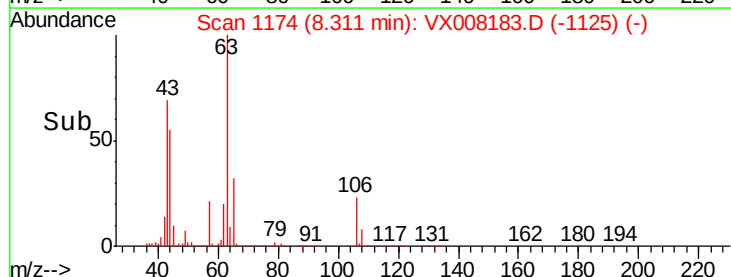
600000

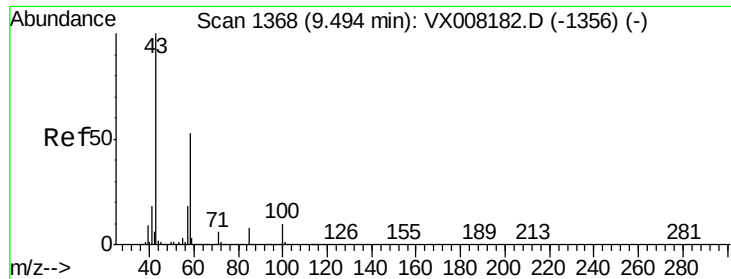
400000

200000

0

Time-->

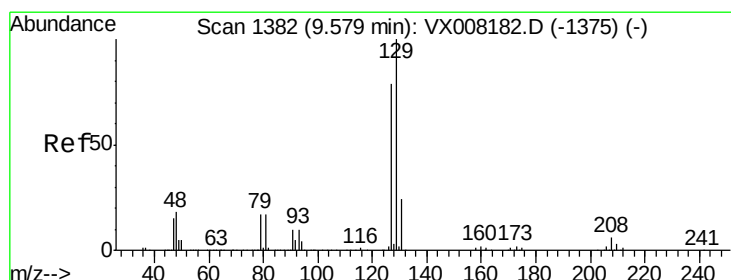
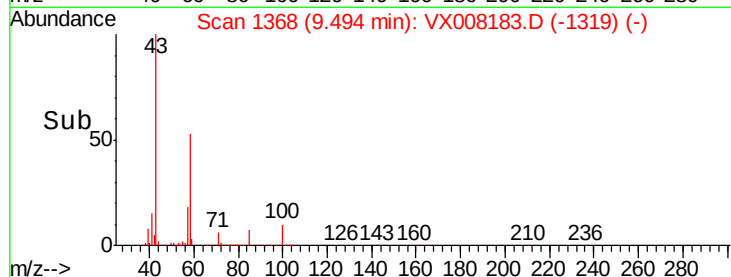
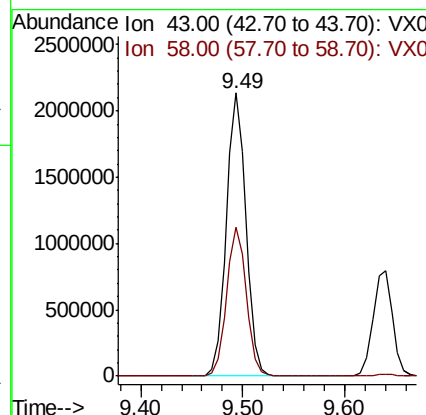
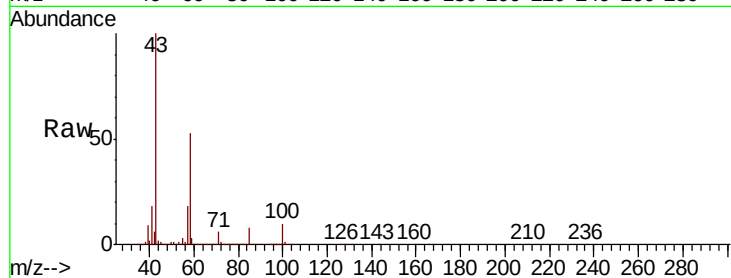




#59
2-Hexanone
Concen: 460.654 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

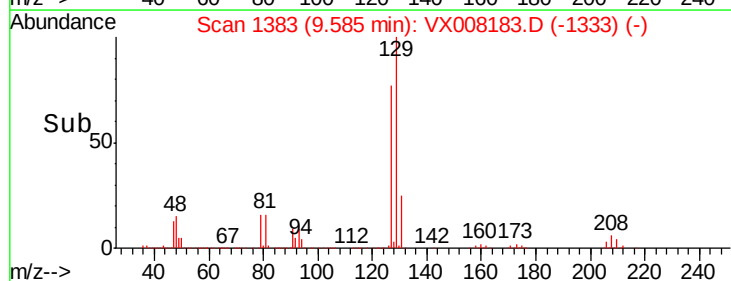
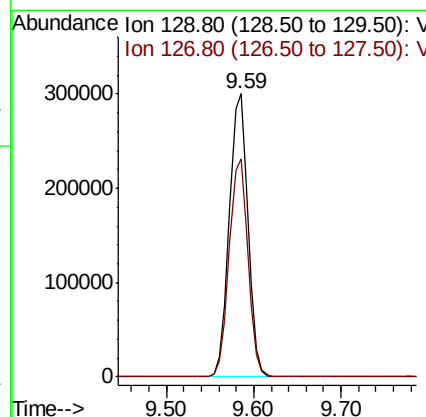
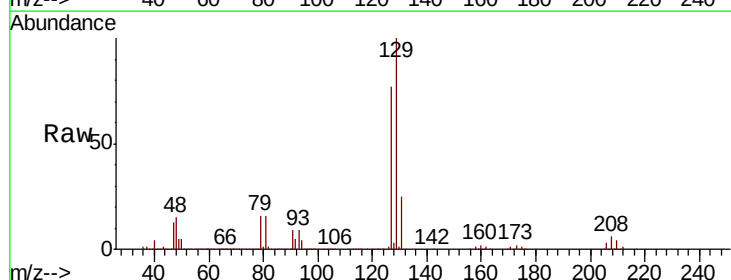
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

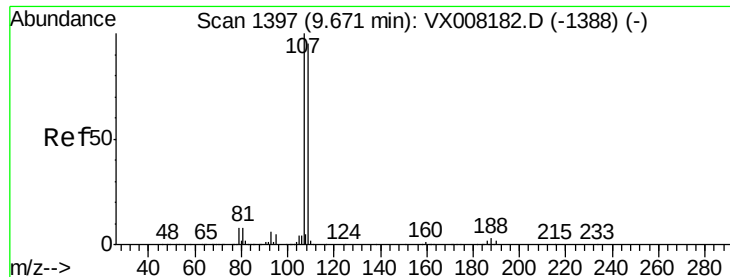
Tgt Ion: 43 Resp: 2861079
Ion Ratio Lower Upper
43 100
58 52.7 27.6 82.7



#60
Dibromochloromethane
Concen: 95.557 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

Tgt Ion: 129 Resp: 441225
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.8





#61

1,2-Dibromoethane

Concen: 93.752 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

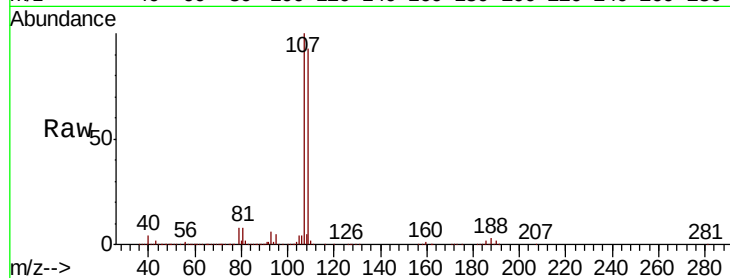
VSTDIC100

Tgt Ion: 107 Resp: 453504

Ion Ratio Lower Upper

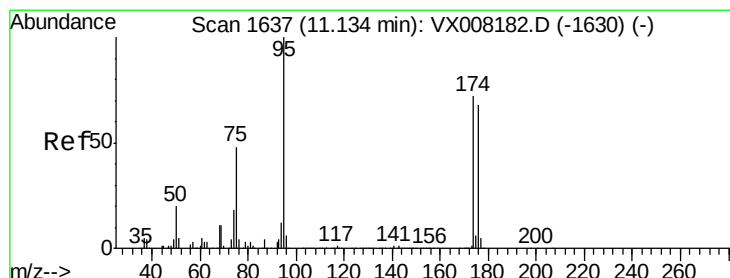
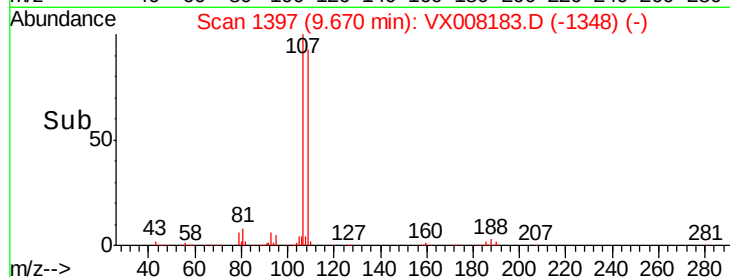
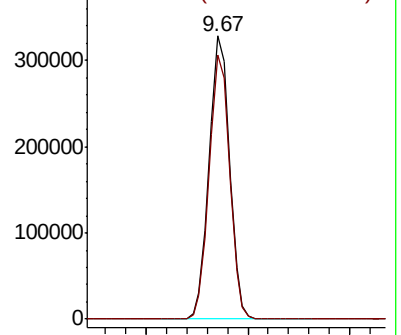
107 100

109 93.7 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 94.554 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

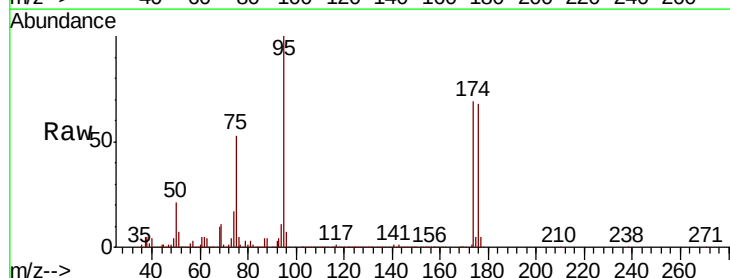
Tgt Ion: 95 Resp: 449431

Ion Ratio Lower Upper

95 100

174 76.9 0.0 182.8

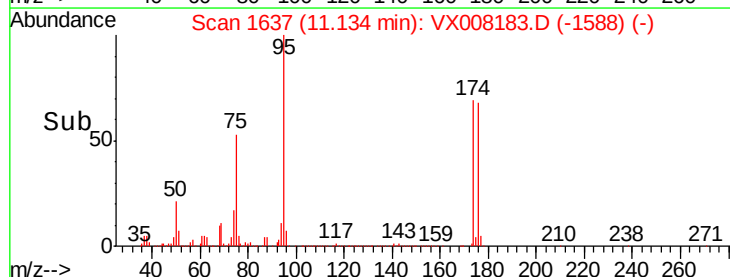
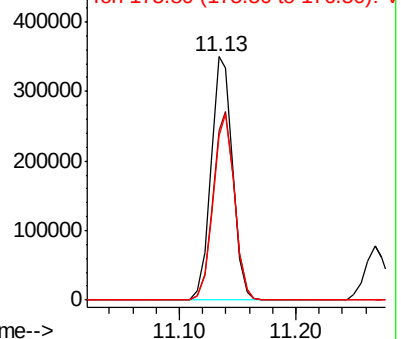
176 75.5 0.0 178.0

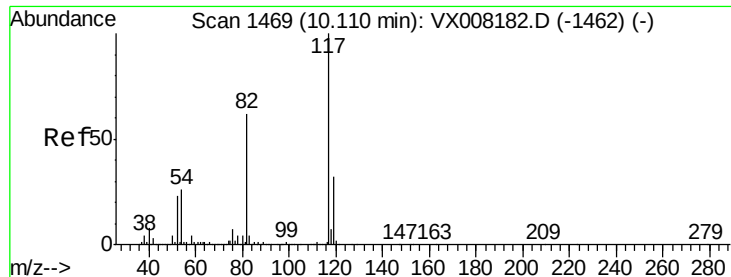


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

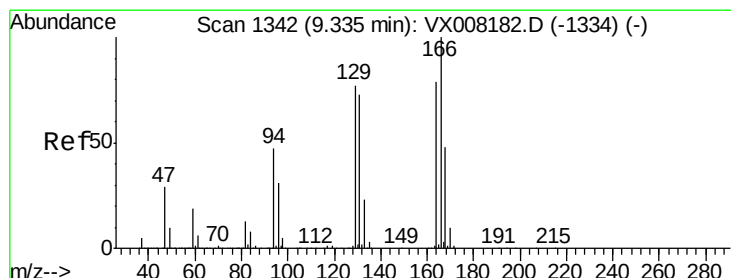
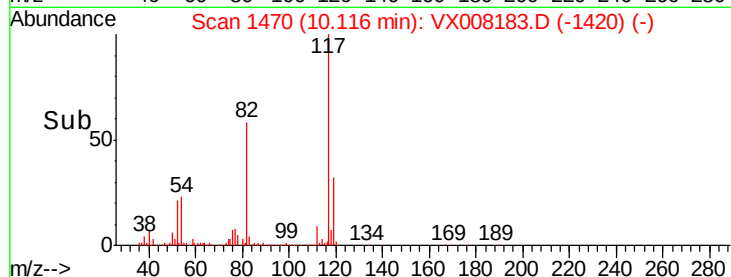
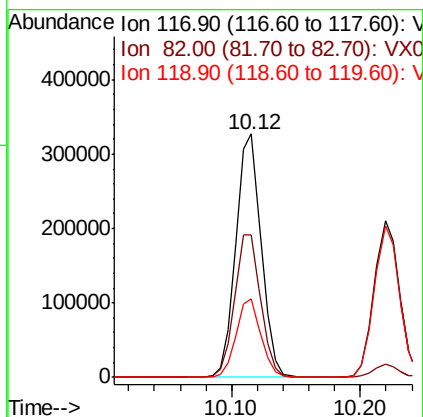
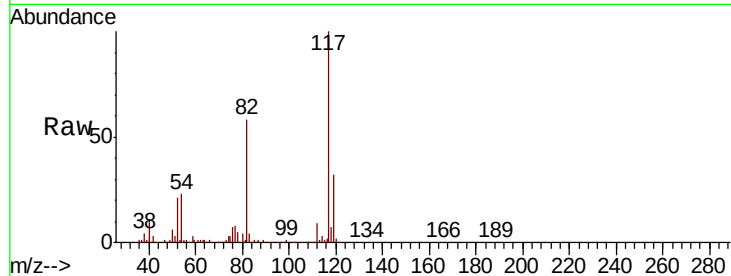




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

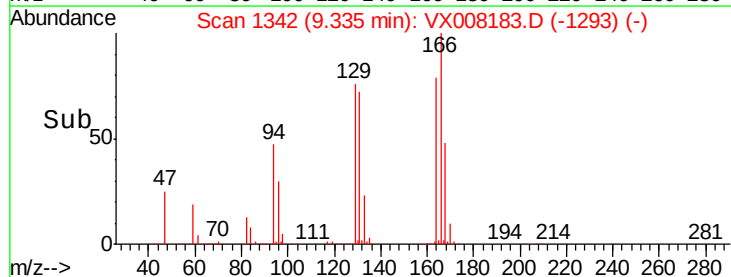
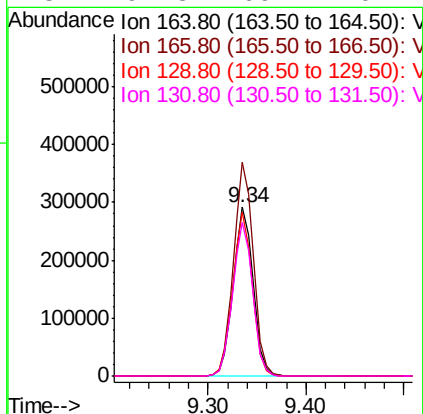
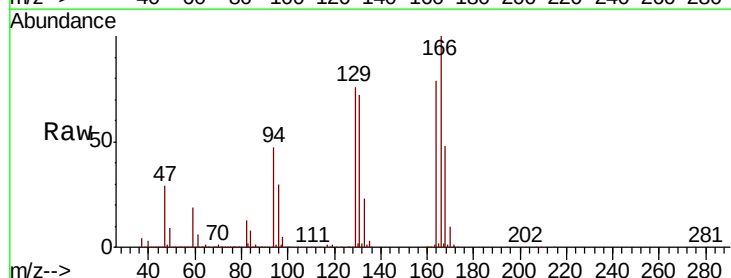
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

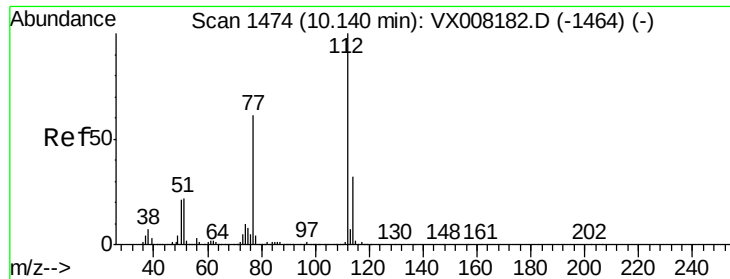
Tgt Ion:117 Resp: 447648
Ion Ratio Lower Upper
117 100
82 58.3 44.3 66.5
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 94.951 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

Tgt Ion:164 Resp: 408667
Ion Ratio Lower Upper
164 100
166 126.5 103.4 155.0
129 96.7 72.2 108.4
131 91.3 69.4 104.2





#65

Chlorobenzene

Concen: 94.428 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

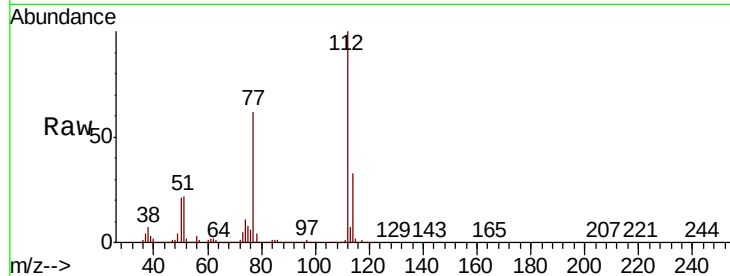
VSTDICC100

Tgt Ion:112 Resp: 1115612

Ion Ratio Lower Upper

112 100

114 32.5 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

800000

600000

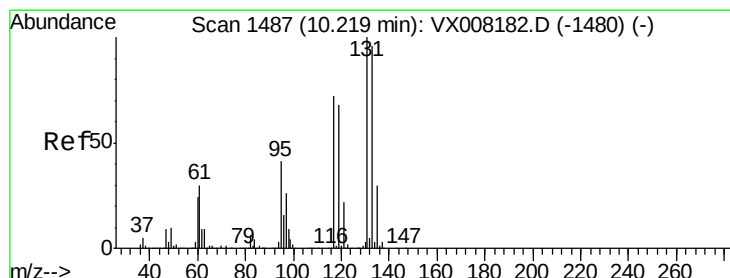
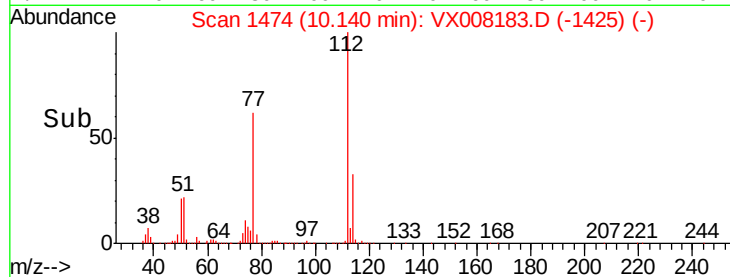
400000

200000

0

Time-->

10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 94.757 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

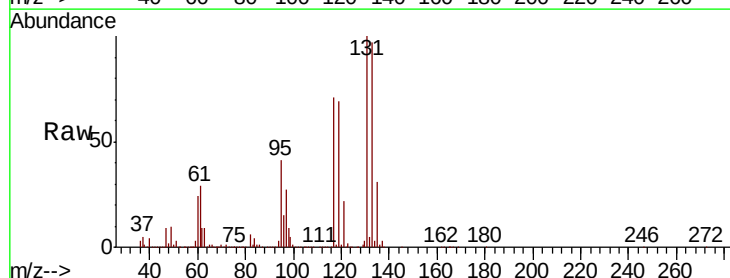
Tgt Ion:131 Resp: 401321

Ion Ratio Lower Upper

131 100

133 95.7 47.8 143.3

119 68.0 32.5 97.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

400000

300000

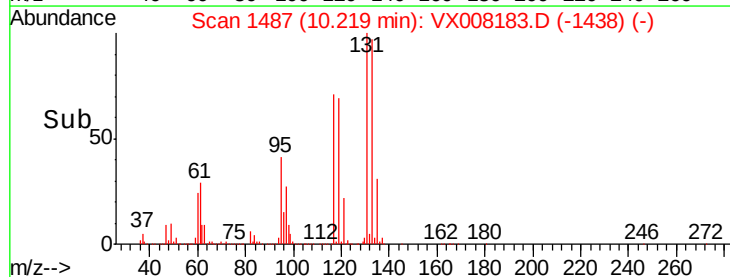
200000

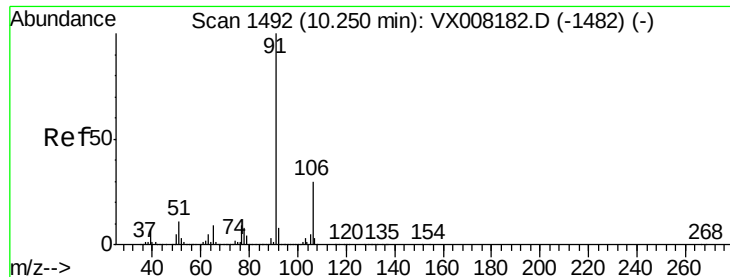
100000

0

Time-->

10.20 10.30





#67

Ethyl Benzene

Concen: 95.168 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

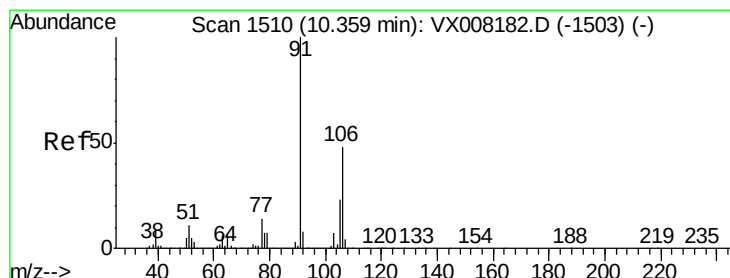
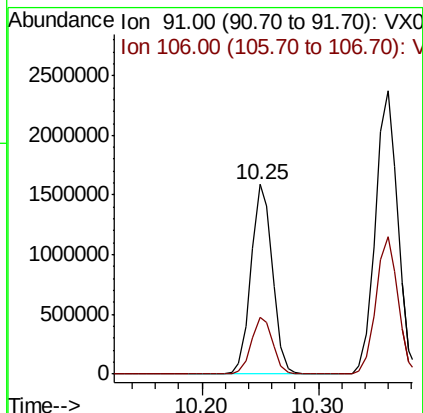
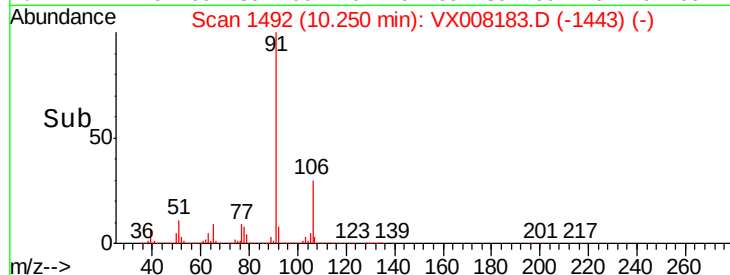
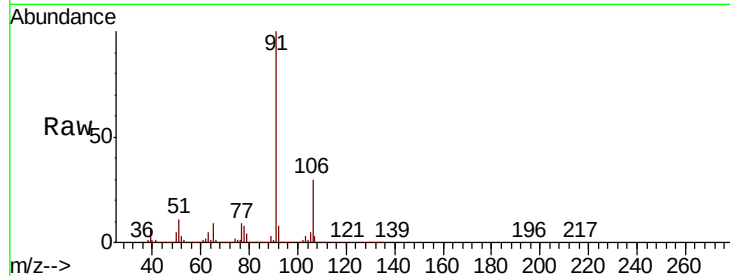
VSTDIC100

Tgt Ion: 91 Resp: 2047137

Ion Ratio Lower Upper

91 100

106 30.0 25.2 37.8



#68

m/p-Xylenes

Concen: 192.455 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008183.D

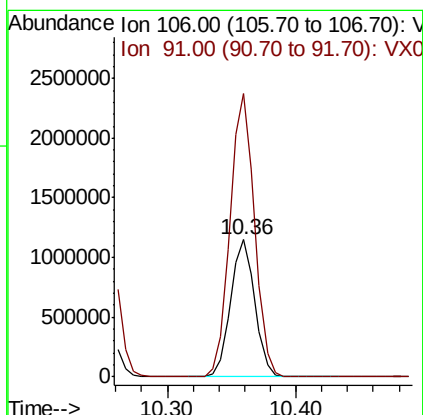
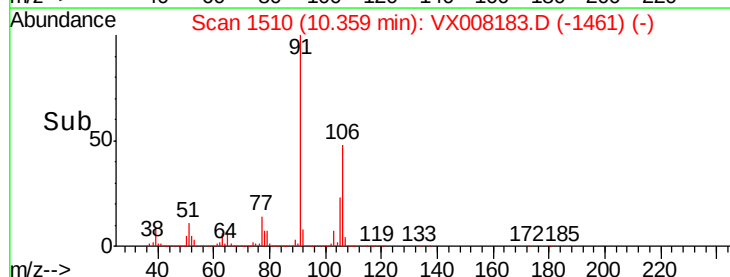
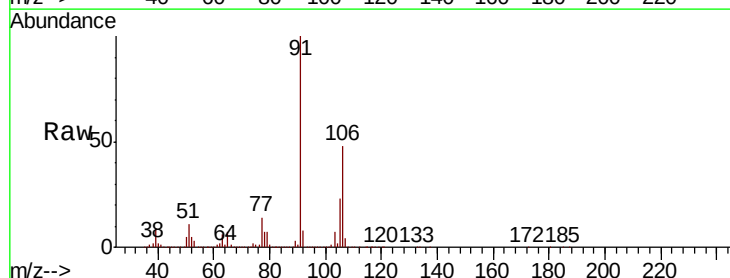
Acq: 19 Mar 2019 11:33

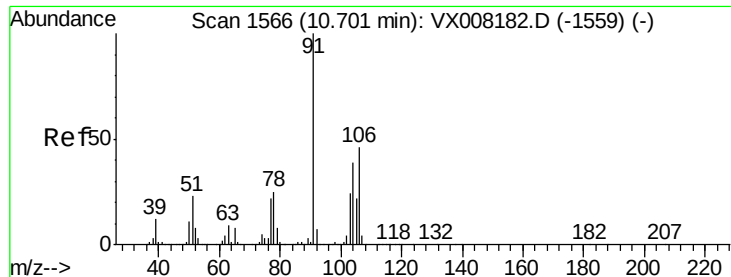
Tgt Ion: 106 Resp: 1518654

Ion Ratio Lower Upper

106 100

91 208.2 159.8 239.6

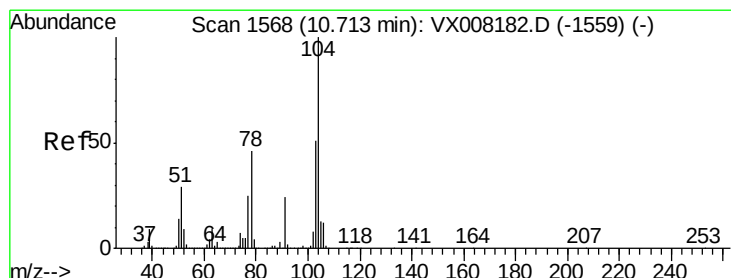
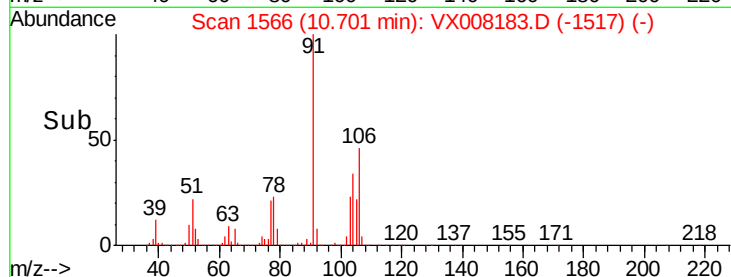
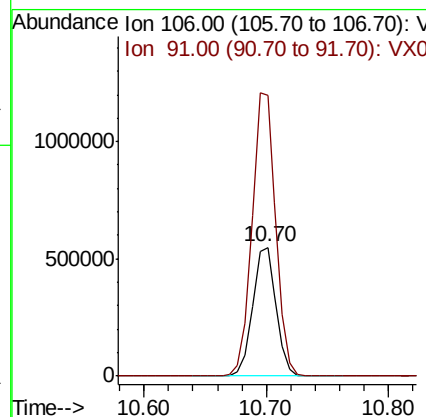
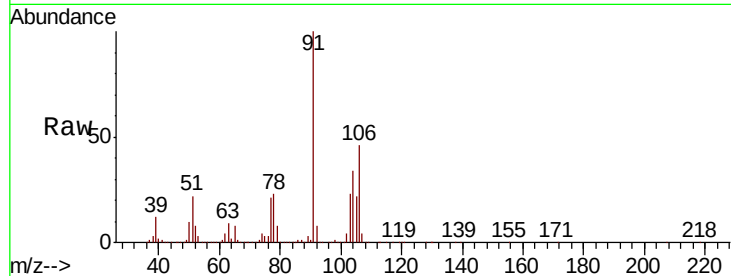




#69
o-Xylene
Concen: 95.185 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

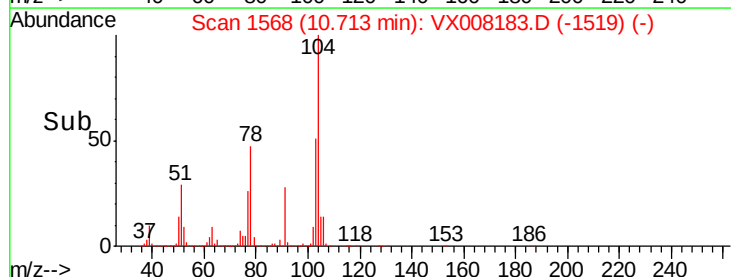
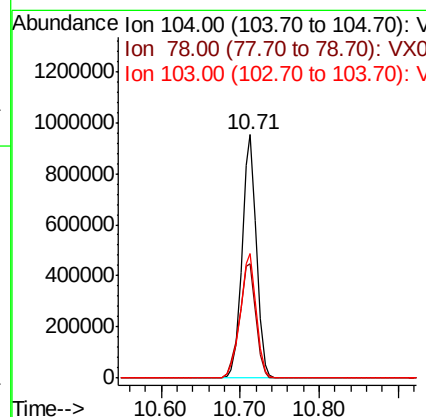
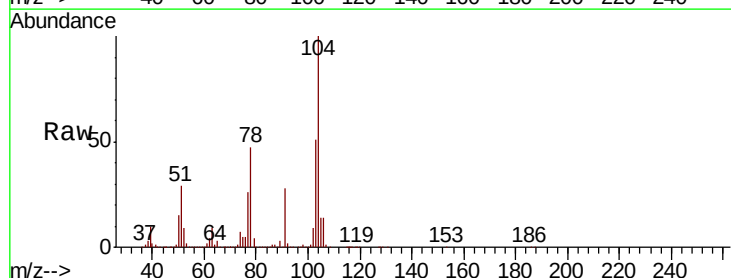
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

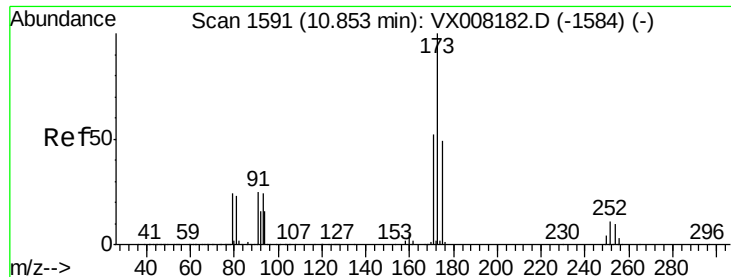
Tgt Ion:106 Resp: 731892
Ion Ratio Lower Upper
106 100
91 221.4 106.3 318.9



#70
Styrene
Concen: 95.685 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

Tgt Ion:104 Resp: 1204142
Ion Ratio Lower Upper
104 100
78 53.8 38.5 57.7
103 56.4 44.1 66.1





#71

Bromoform

Concen: 98.674 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

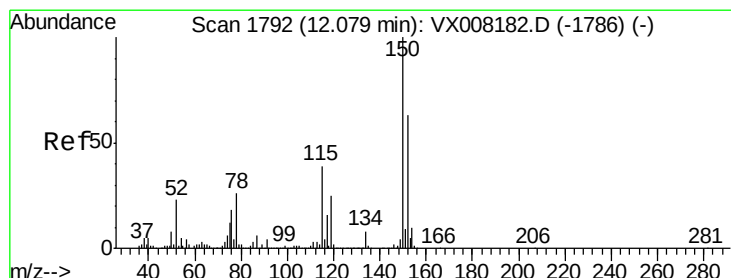
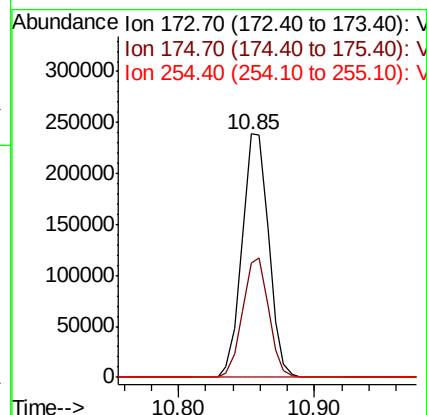
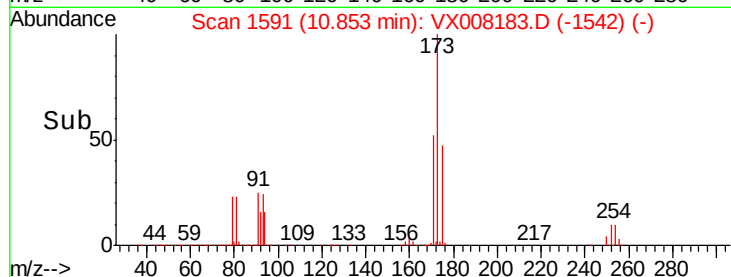
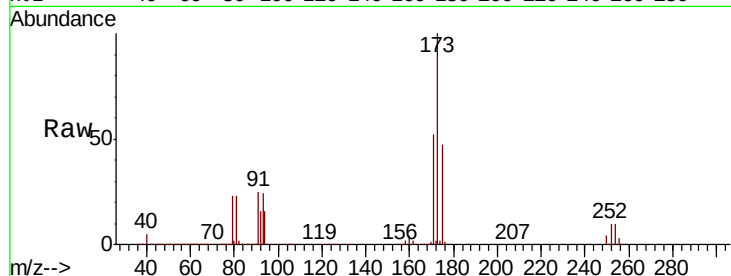
Tgt Ion:173 Resp: 325858

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.9

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

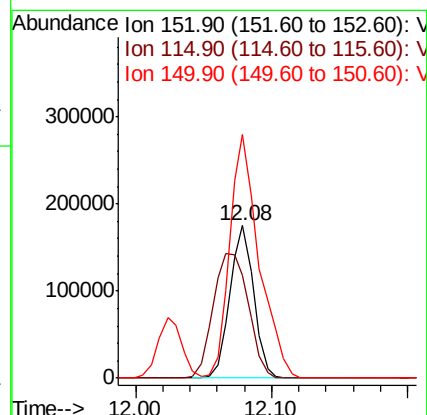
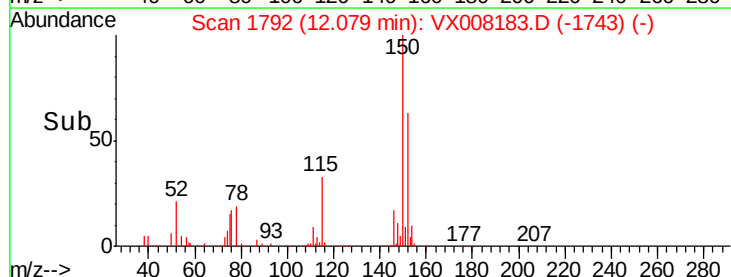
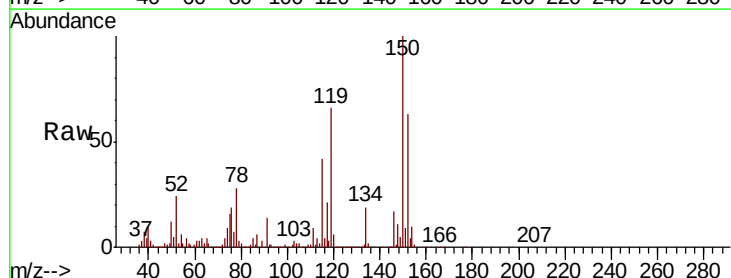
Tgt Ion:152 Resp: 211335

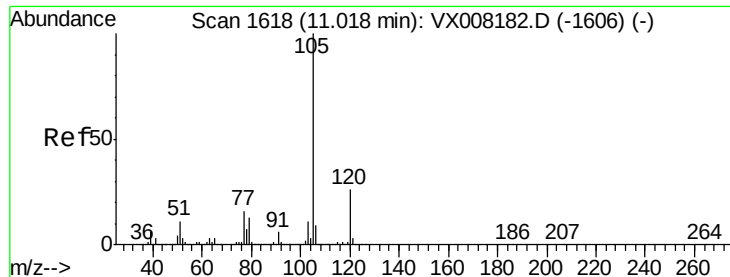
Ion Ratio Lower Upper

152 100

115 121.0 38.6 115.7#

150 197.7 0.0 348.4





#73

Isopropylbenzene

Concen: 93.206 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

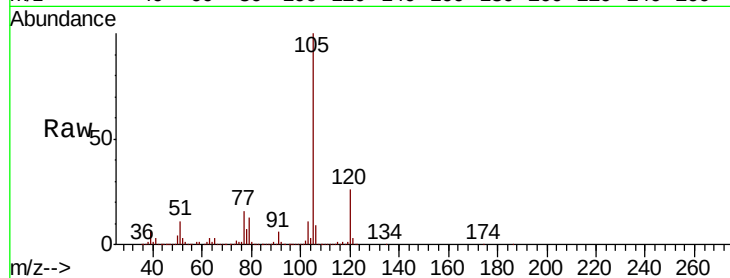
VSTDIC100

Tgt Ion:105 Resp: 1935987

Ion Ratio Lower Upper

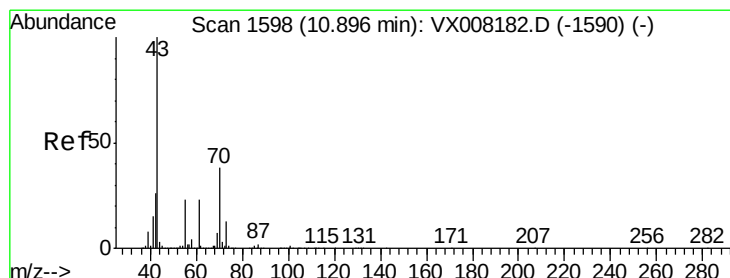
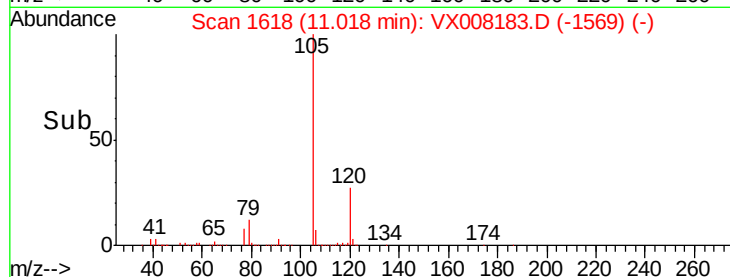
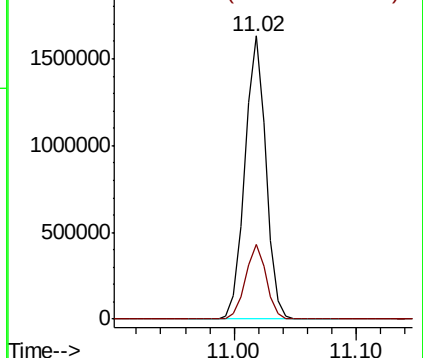
105 100

120 26.0 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 95.048 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Tgt Ion: 43 Resp: 1050020

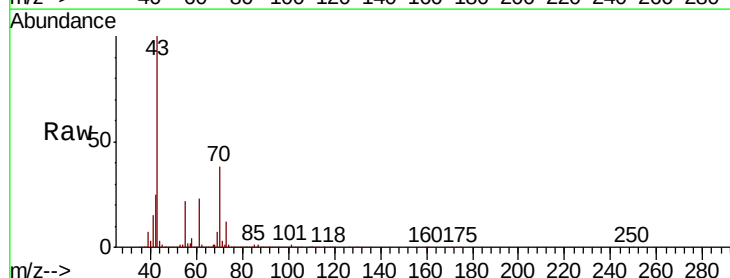
Ion Ratio Lower Upper

43 100

70 38.5 33.5 50.3

55 22.9 19.2 28.8

61 23.2 19.0 28.6

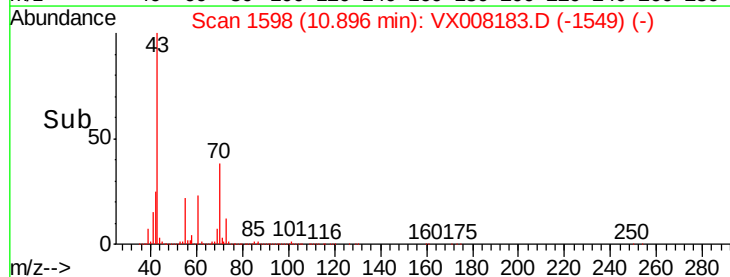
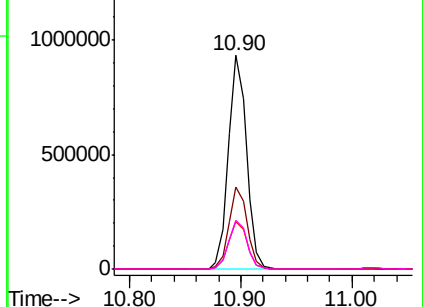


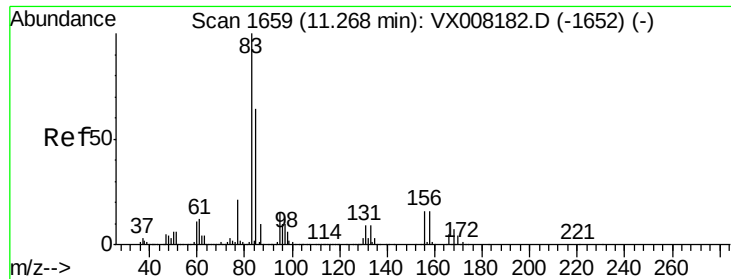
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 92.676 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

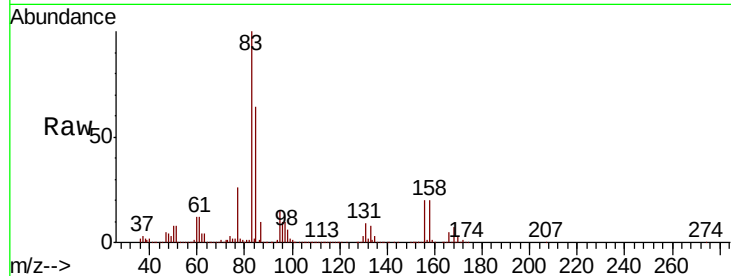
Tgt Ion: 83 Resp: 661565

Ion Ratio Lower Upper

83 100

131 9.1 5.4 16.2

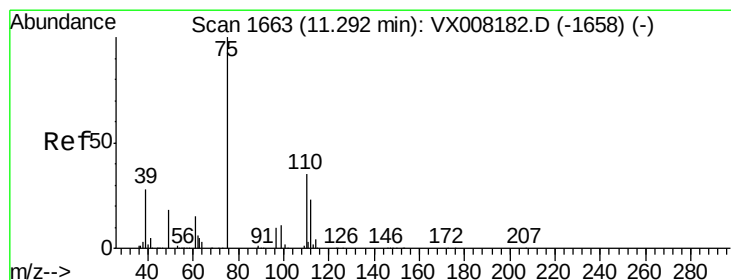
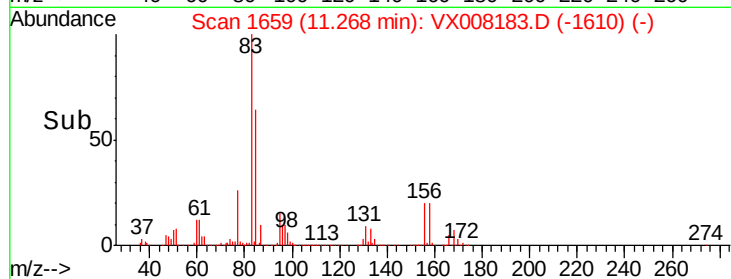
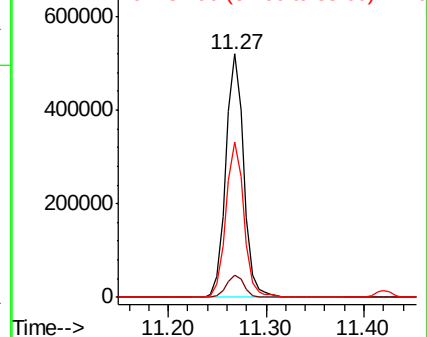
85 63.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 132.039 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX008183.D

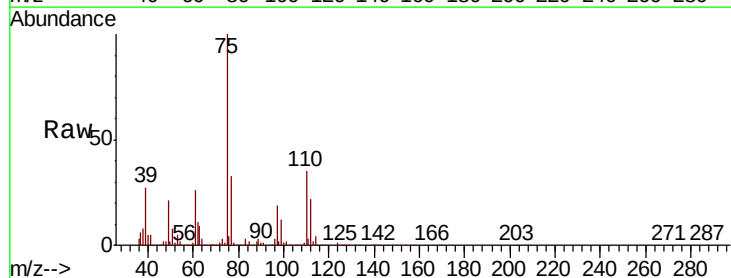
Acq: 19 Mar 2019 11:33

Tgt Ion: 75 Resp: 828502

Ion Ratio Lower Upper

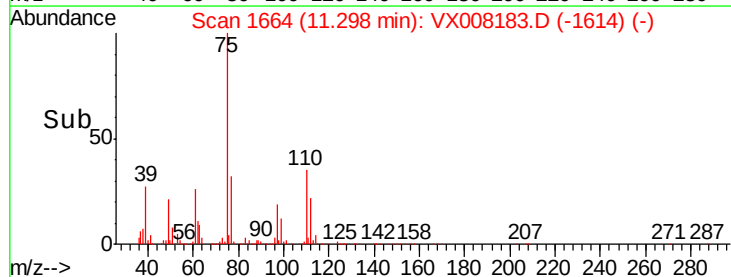
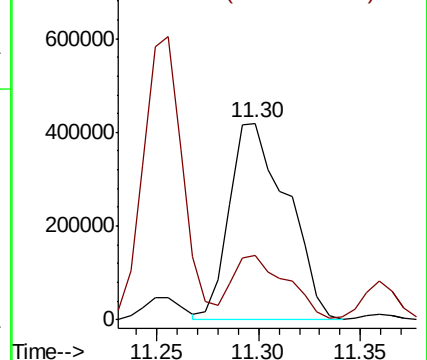
75 100

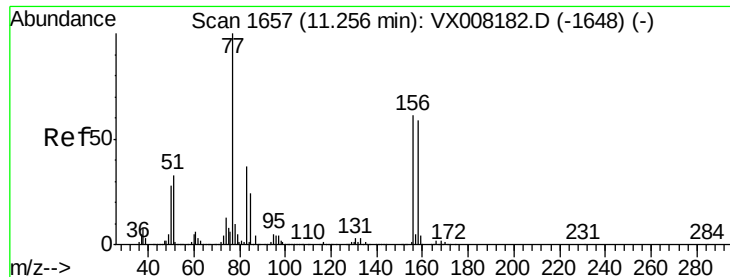
77 30.7 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 93.146 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

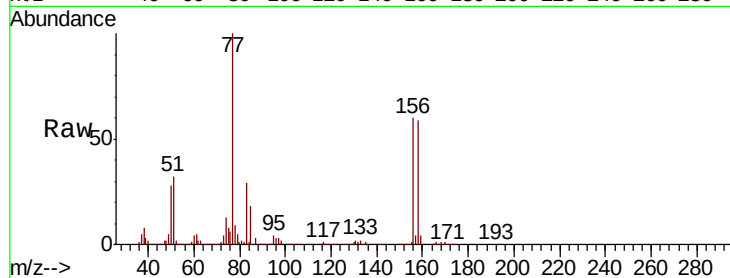
Tgt Ion:156 Resp: 453946

Ion Ratio Lower Upper

156 100

77 177.9 72.0 215.9

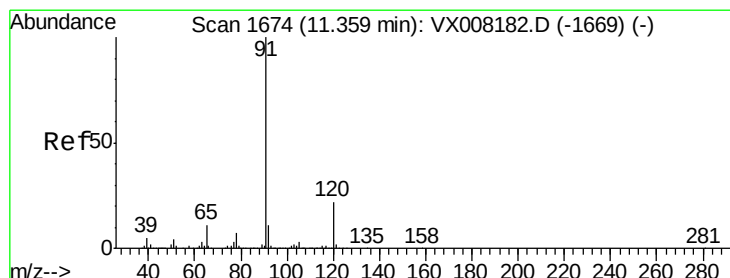
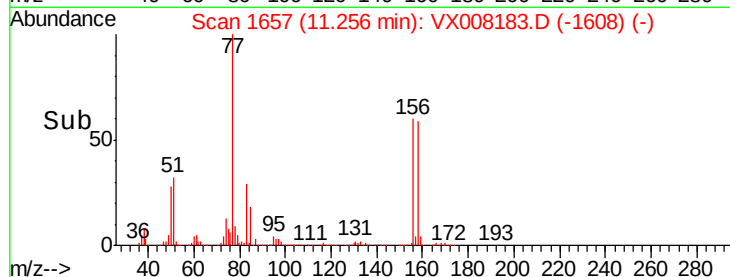
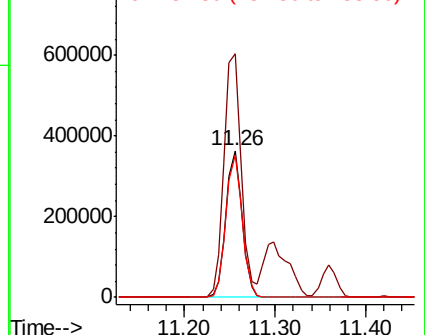
158 97.6 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 93.752 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008183.D

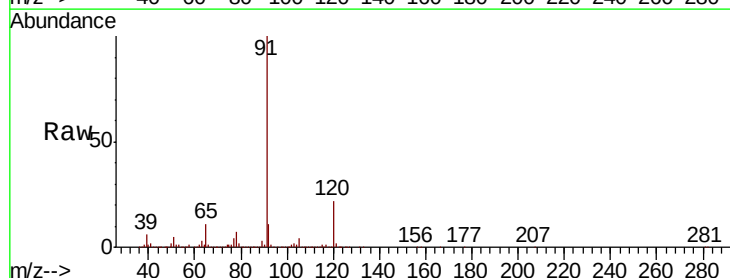
Acq: 19 Mar 2019 11:33

Tgt Ion: 91 Resp: 2309066

Ion Ratio Lower Upper

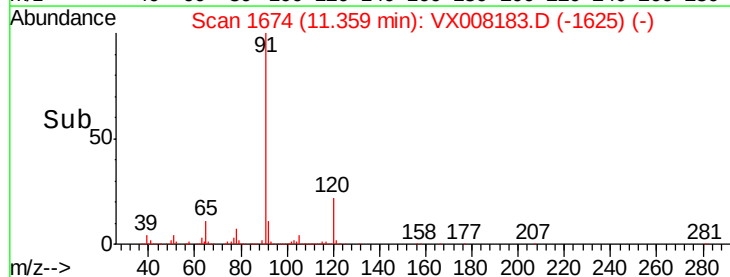
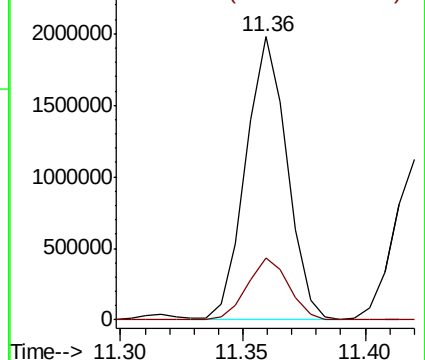
91 100

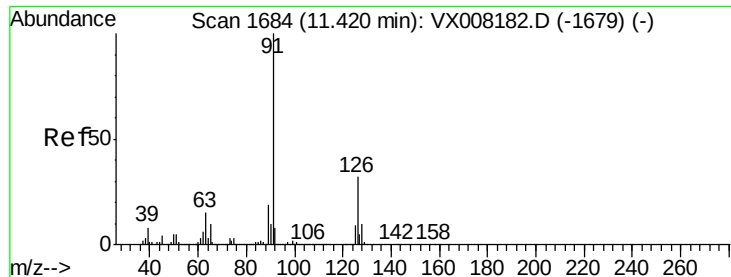
120 21.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 92.870 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

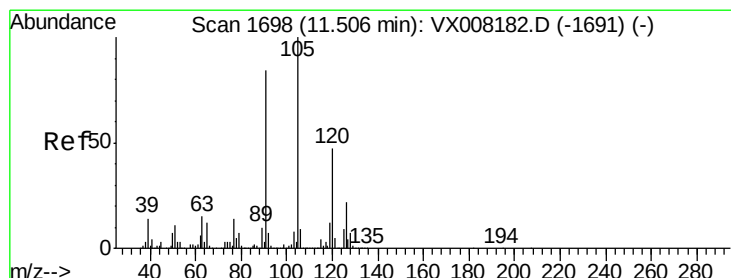
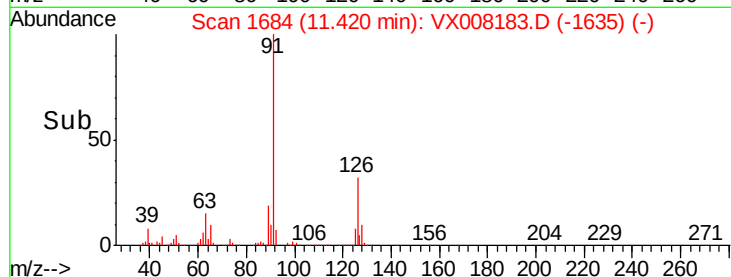
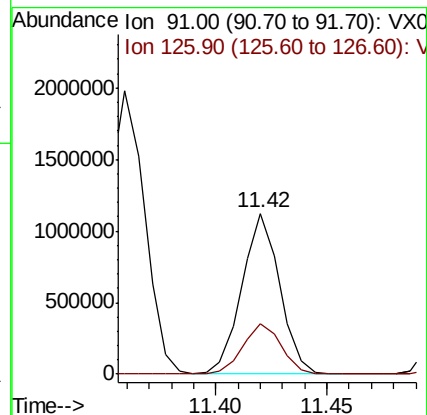
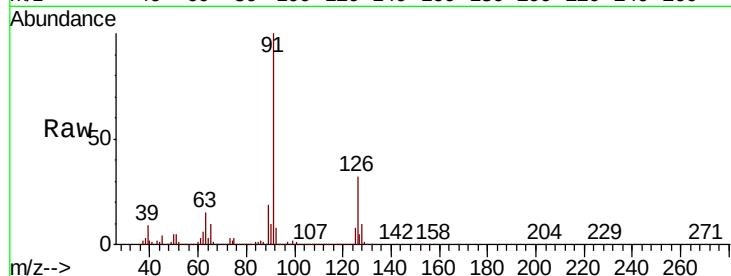
VSTDIC100

Tgt Ion: 91 Resp: 1328906

Ion Ratio Lower Upper

91 100

126 31.9 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 93.984 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008183.D

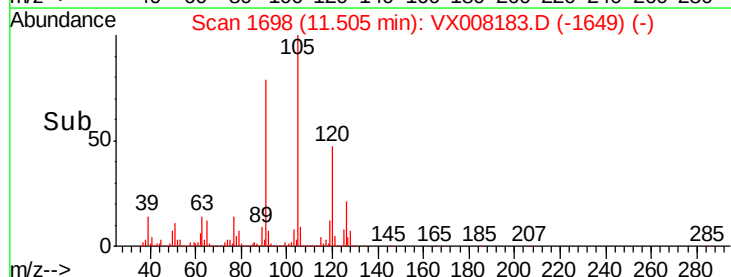
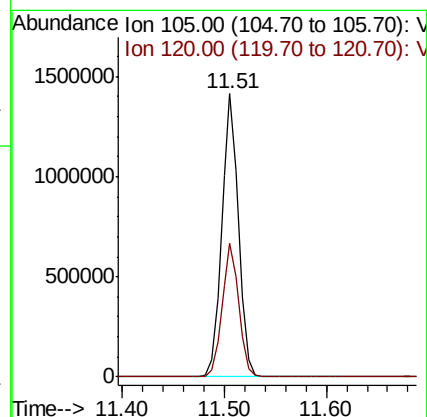
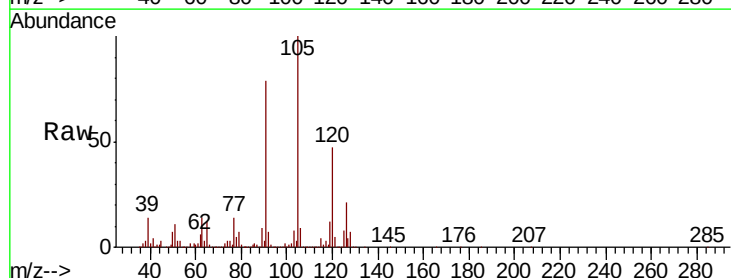
Acq: 19 Mar 2019 11:33

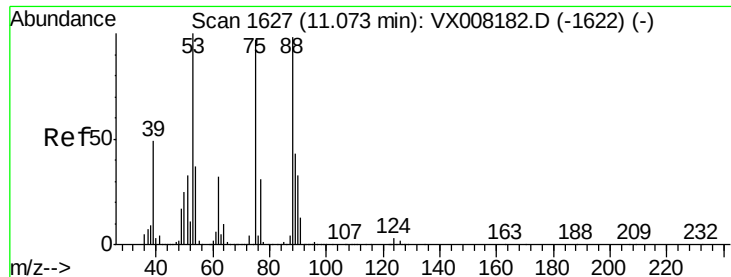
Tgt Ion: 105 Resp: 1626160

Ion Ratio Lower Upper

105 100

120 47.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 97.741 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

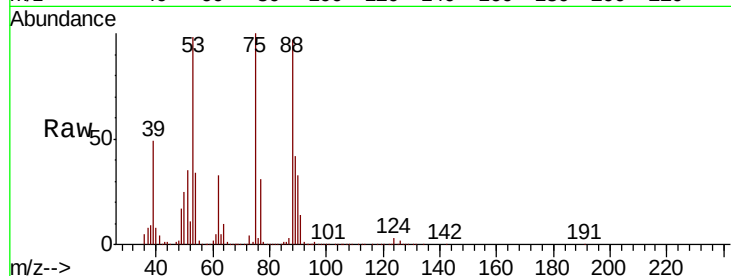
Tgt Ion: 75 Resp: 232750

Ion Ratio Lower Upper

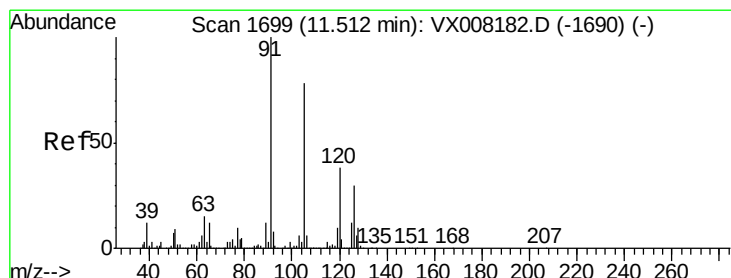
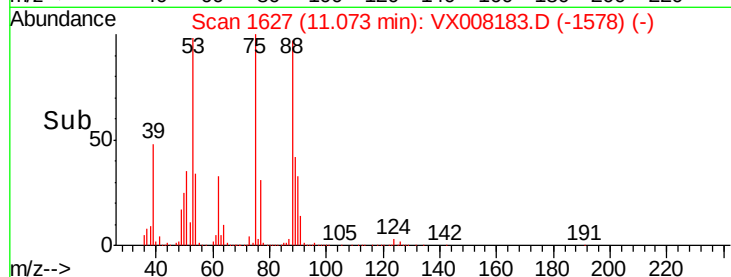
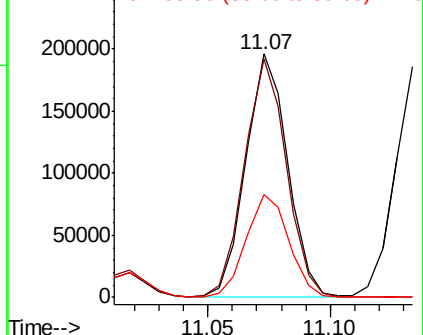
75 100

53 98.2 76.1 114.1

89 43.3 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 94.271 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008183.D

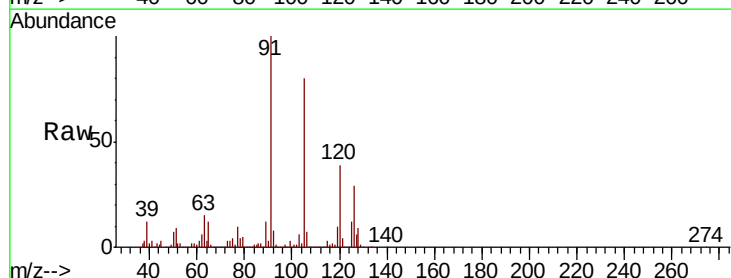
Acq: 19 Mar 2019 11:33

Tgt Ion: 91 Resp: 1576859

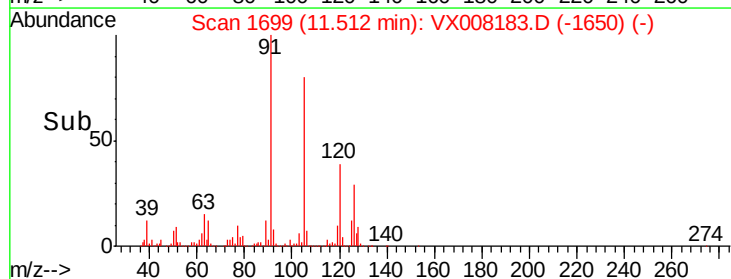
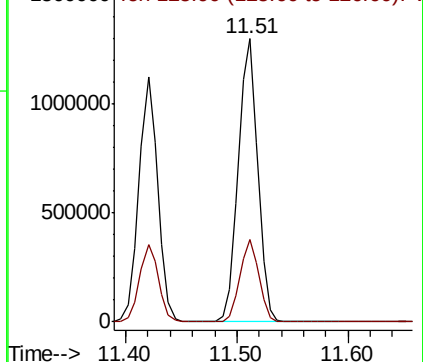
Ion Ratio Lower Upper

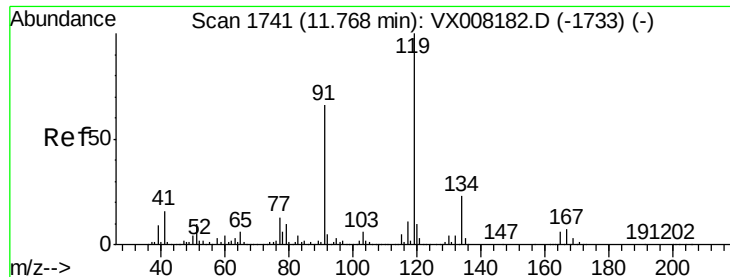
91 100

126 28.4 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

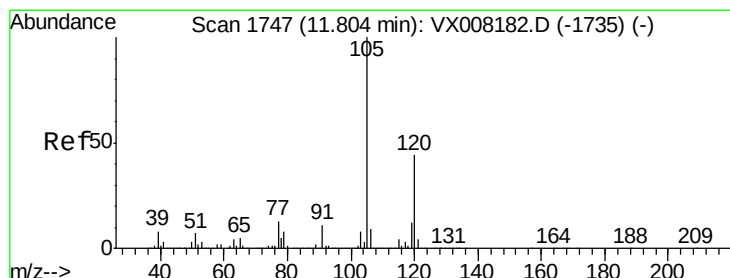
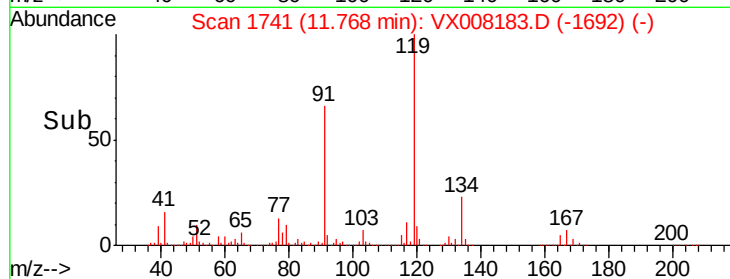
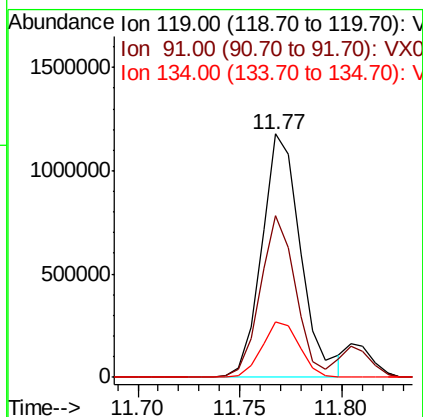
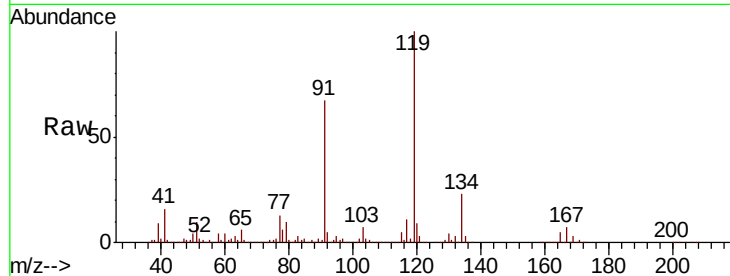




#83
 tert-Butylbenzene
 Concen: 96.272 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

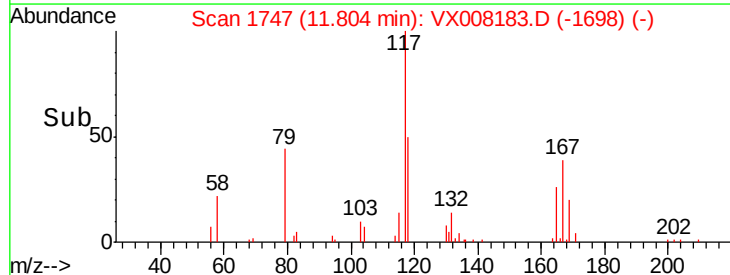
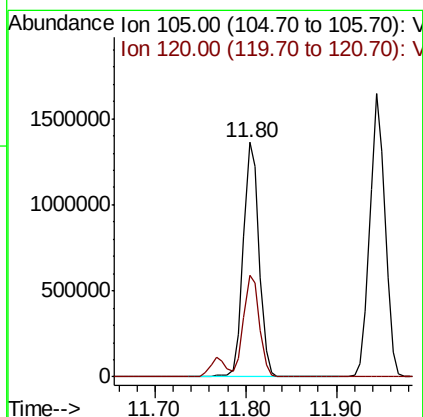
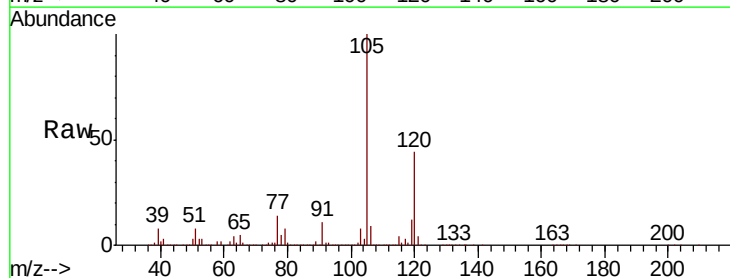
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

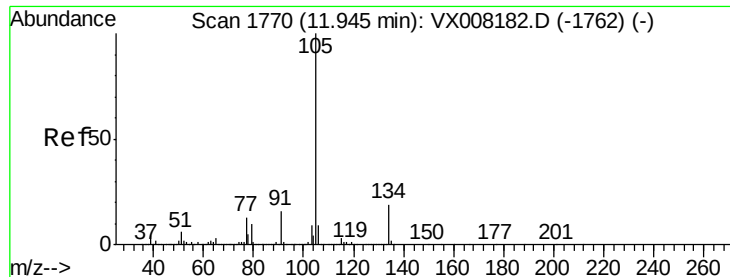
Tgt Ion:119 Resp: 1564641
 Ion Ratio Lower Upper
 119 100
 91 60.6 27.1 81.3
 134 22.1 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 93.102 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

Tgt Ion:105 Resp: 1639679
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.6 67.7





#85

sec-Butylbenzene

Concen: 93.666 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

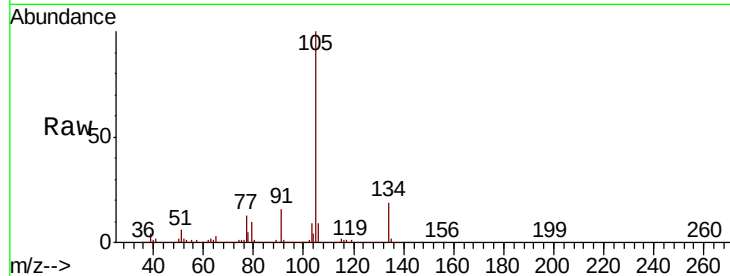
VSTDICC100

Tgt Ion:105 Resp: 1924285

Ion Ratio Lower Upper

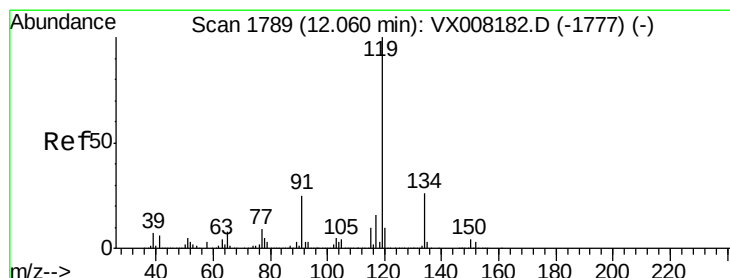
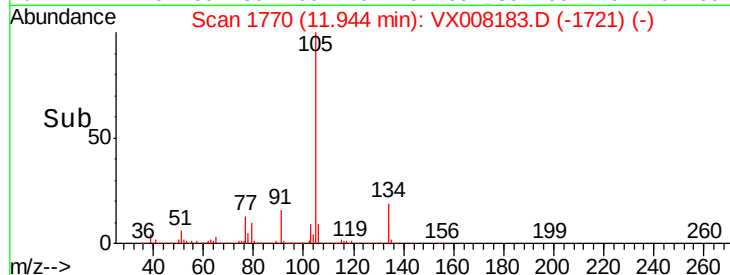
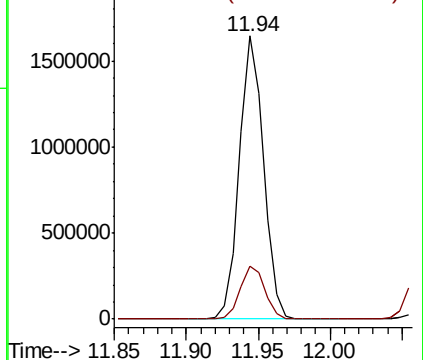
105 100

134 19.1 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 94.185 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

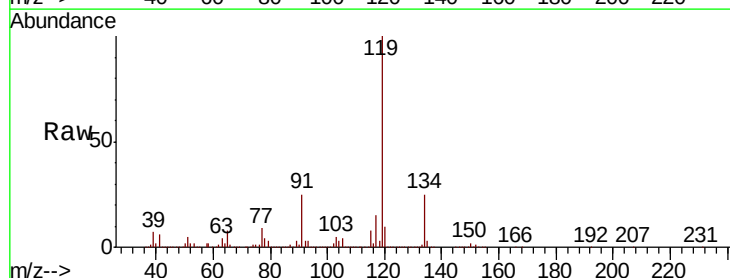
Tgt Ion:119 Resp: 1677414

Ion Ratio Lower Upper

119 100

134 25.6 13.3 39.9

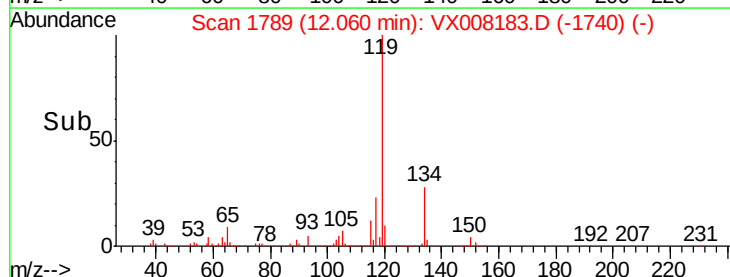
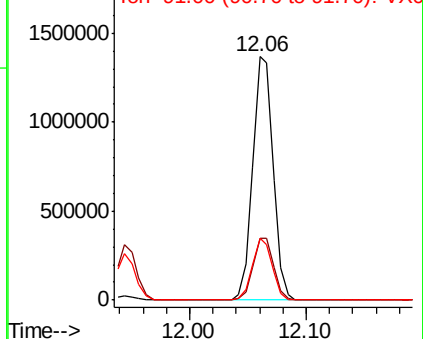
91 24.6 10.9 32.7

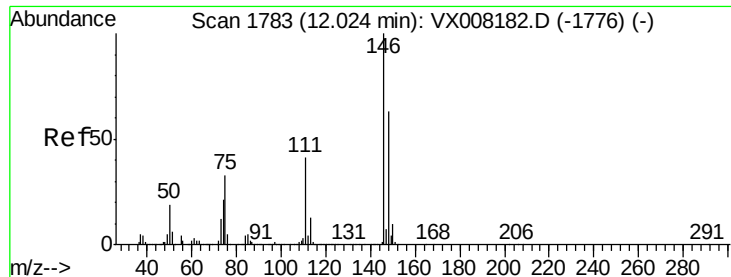


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

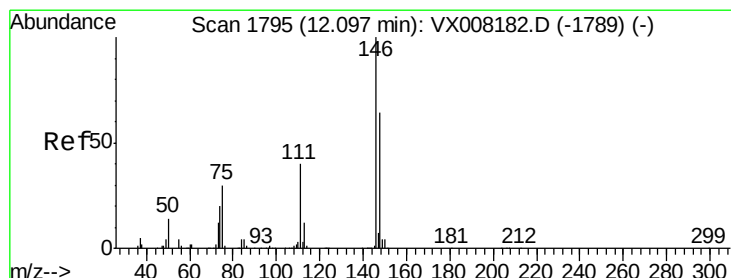
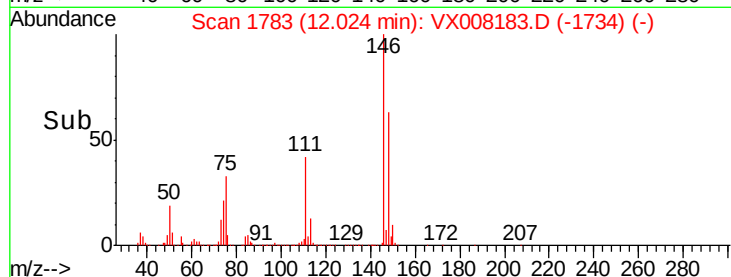
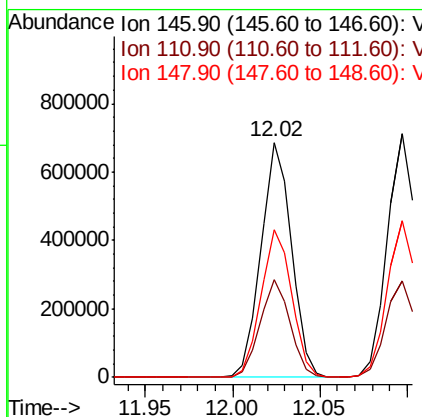
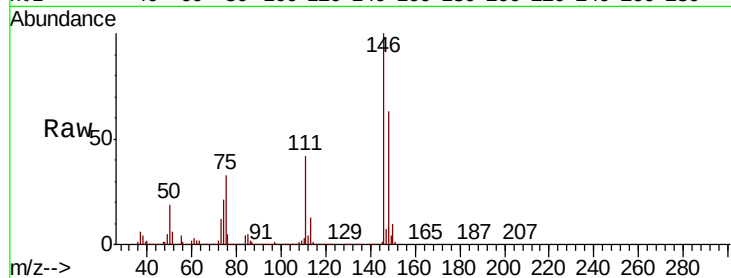




#87
 1,3-Dichlorobenzene
 Concen: 95.261 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

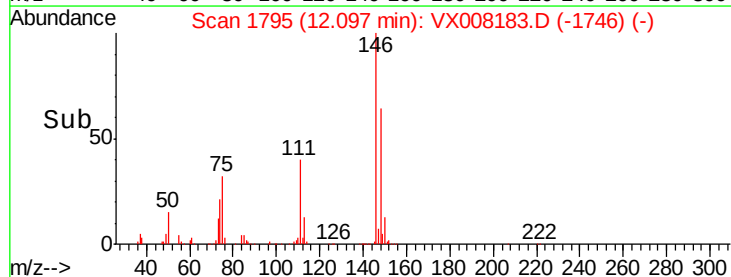
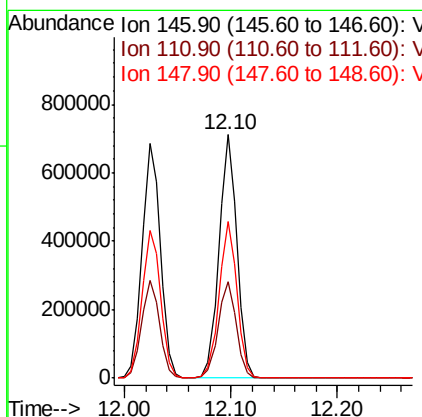
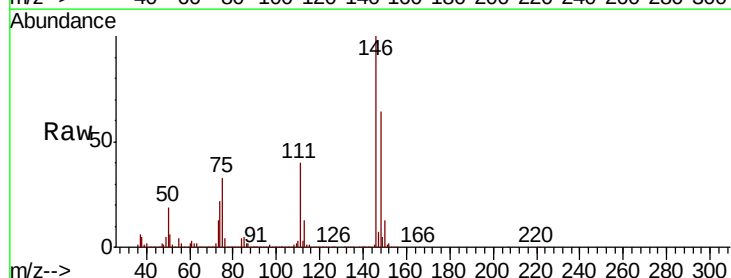
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

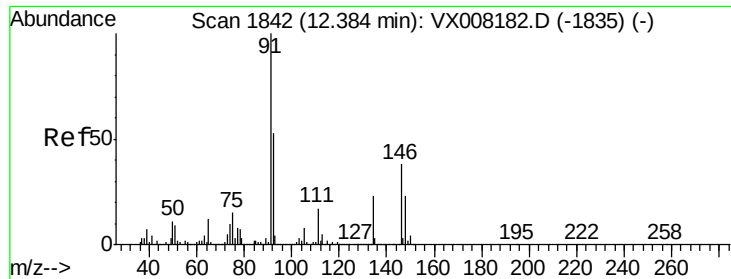
Tgt Ion:146 Resp: 830297
 Ion Ratio Lower Upper
 146 100
 111 41.2 18.9 56.7
 148 63.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 94.969 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

Tgt Ion:146 Resp: 828707
 Ion Ratio Lower Upper
 146 100
 111 40.2 18.4 55.0
 148 64.0 32.2 96.6

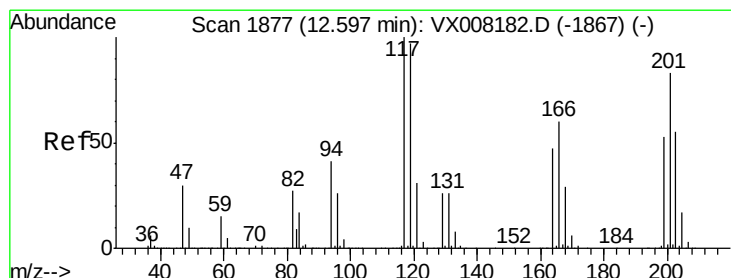
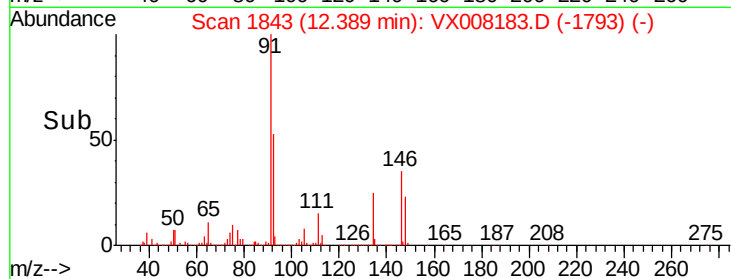
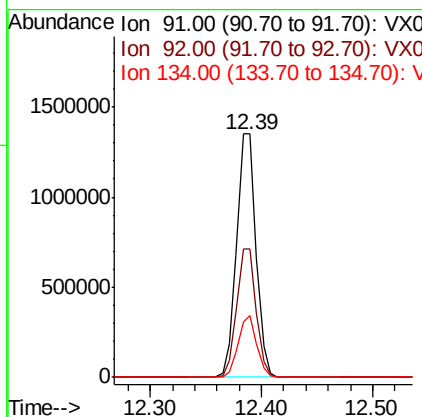
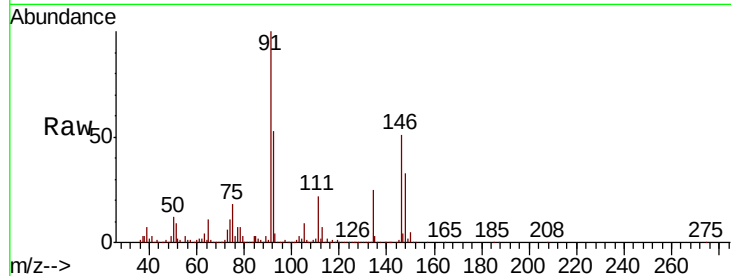




#89
n-Butylbenzene
Concen: 96.157 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

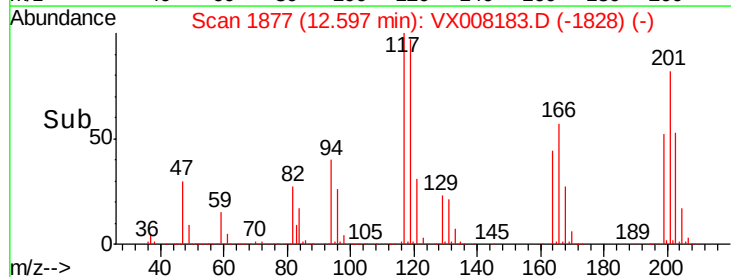
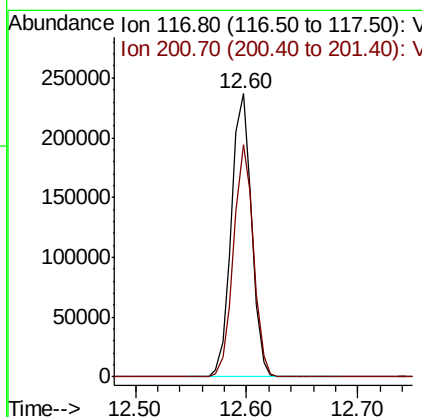
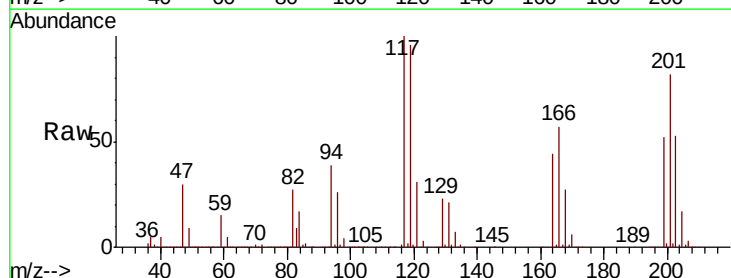
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

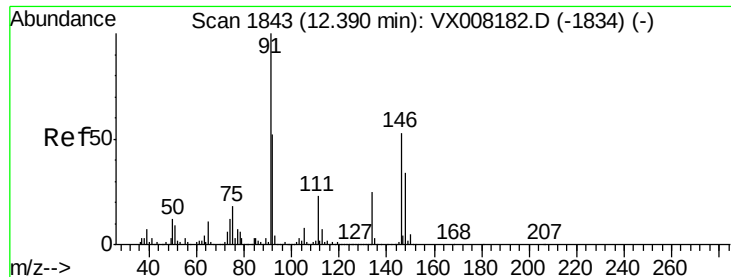
Tgt Ion: 91 Resp: 1628374
Ion Ratio Lower Upper
91 100
92 52.9 27.0 80.8
134 24.2 13.7 41.0



#90
Hexachloroethane
Concen: 97.065 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

Tgt Ion: 117 Resp: 297188
Ion Ratio Lower Upper
117 100
201 80.9 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 95.789 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

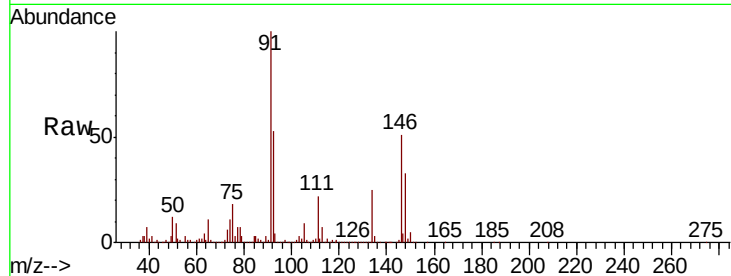
Tgt Ion:146 Resp: 832012

Ion Ratio Lower Upper

146 100

111 42.8 19.6 58.8

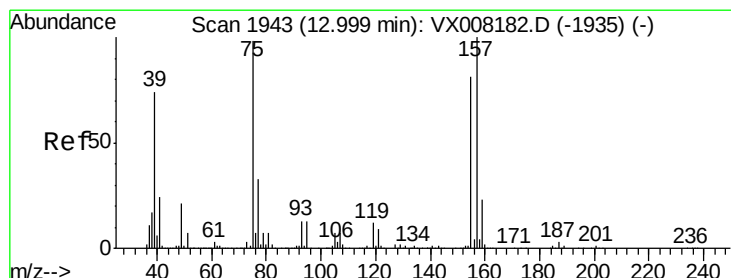
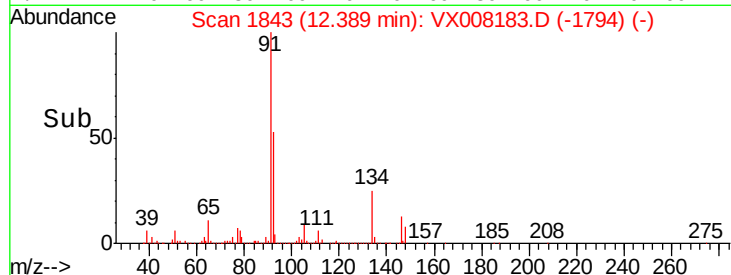
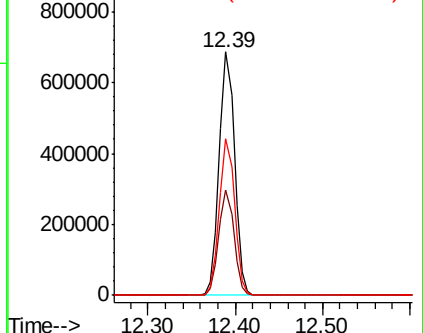
148 63.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 96.494 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008183.D

Acq: 19 Mar 2019 11:33

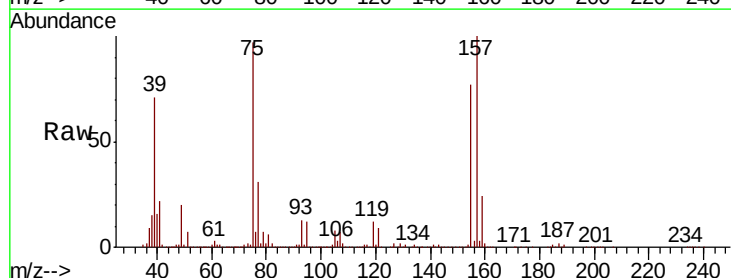
Tgt Ion: 75 Resp: 156276

Ion Ratio Lower Upper

75 100

155 79.6 49.7 149.1

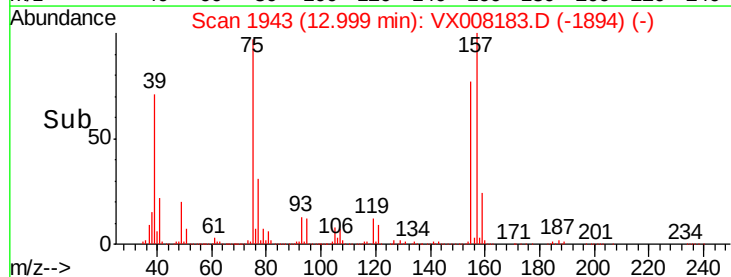
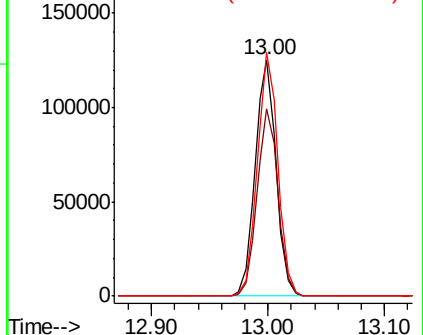
157 101.6 63.8 191.4

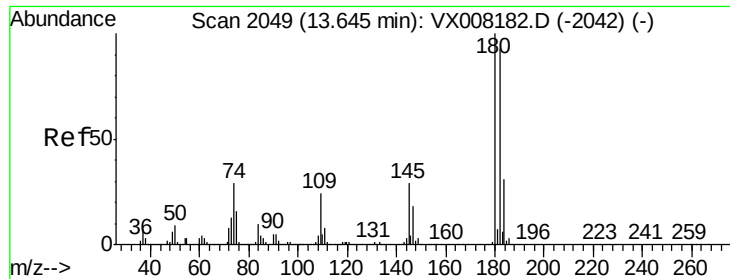


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

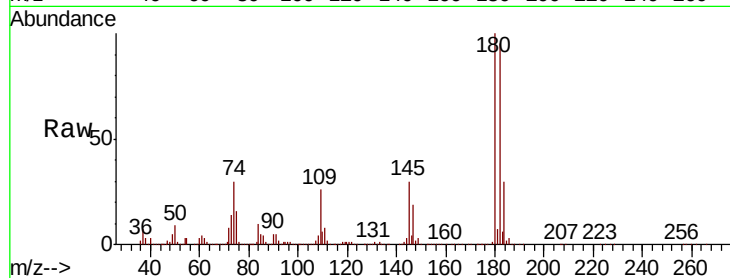




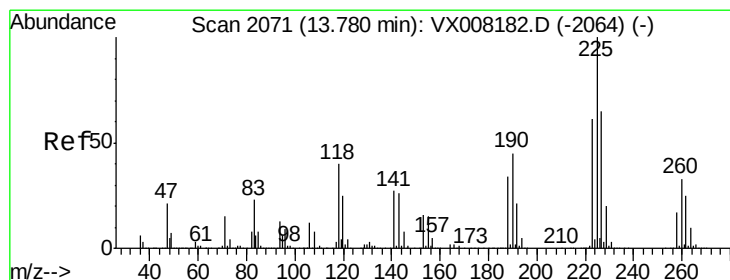
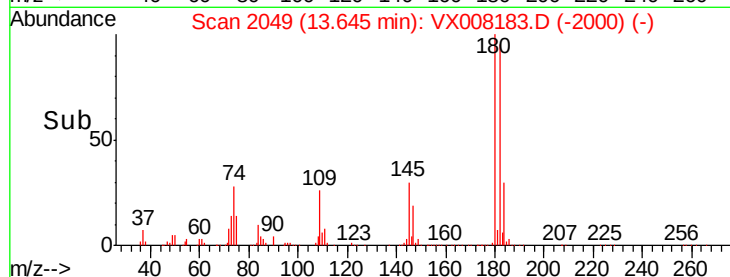
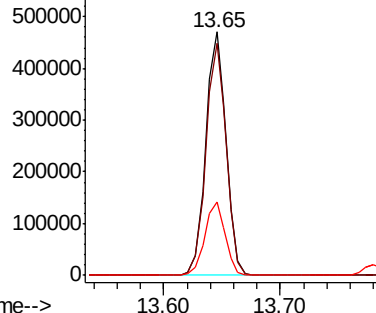
#93
 1,2,4-Trichlorobenzene
 Concen: 97.029 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 566715
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.7
 145 30.2 14.1 42.4

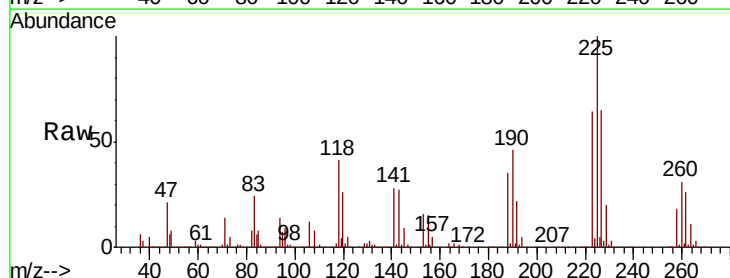


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

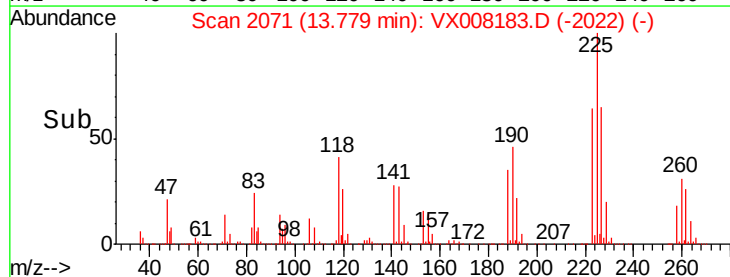
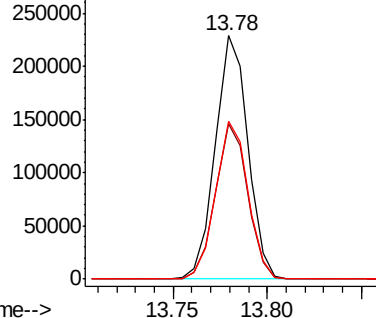


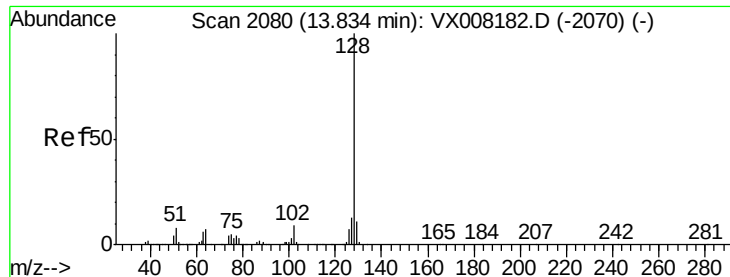
#94
 Hexachlorobutadiene
 Concen: 96.078 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008183.D
 Acq: 19 Mar 2019 11:33

Tgt Ion:225 Resp: 274109
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.1 93.2
 227 64.4 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

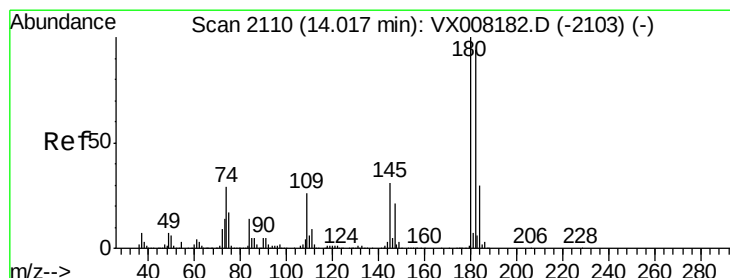
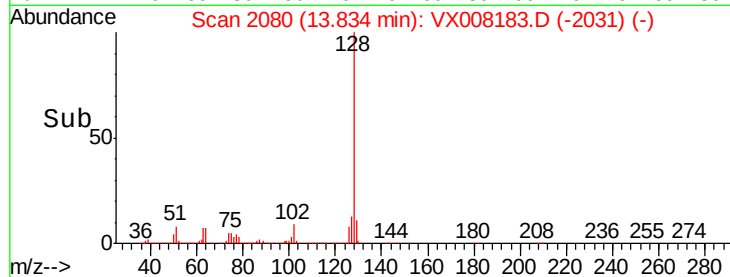
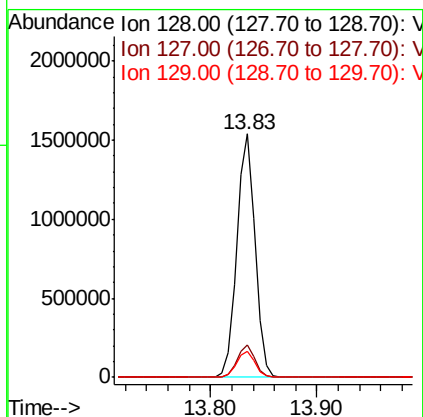
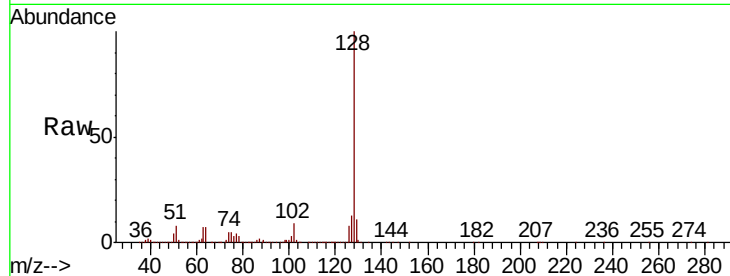




#95
Naphthalene
Concen: 96.110 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1850089
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 96.526 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008183.D
Acq: 19 Mar 2019 11:33

Tgt Ion:180 Resp: 558745
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.5
145 32.3 14.8 44.3

